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PART III—SECTION 1

Notifications issued by the High Courts, the Comptroller and Auditor General, the Union Public Service Commission, the Indian Government Railways and by Attached and Subordinate Offices of the Government of India

UNION PUBLIC SERVICE COMMISSION

NOTIFICATIONS

New Delhi-11, *the 6th August* 1963

No. F.2/18/63-Ests.(A)—Shri S. Raja Rao, an officer of the I.A. & A.S., formerly Deputy Accountant General, Maharashtra, Nagpur, assumed charge of the office of Under Secretary, Union Public Service Commission with effect from the forenoon of 6th August 1963.

The 7th August 1963

No. P-199—Shri M. L. Dhawan, officiating Assistant Superintendent (Hollerith) in the office of the Union Public Service Commission appointed to officiate as Superintendent (Holl.) in the office of the Union Public Service Commission *vide* Notification of even number dated the 1st May 1963, has been reverted as Assistant Superintendent (Holl.) with effect from the afternoon of 21st July 1963.

R. K. G. RAU
Under Secretary (Admn.)
Union Public Service Commission

OFFICE OF THE CHIEF CONTROLLER OF PRINTING AND STATIONERY

NOTIFICATIONS

New Delhi, the 13th August 1963

No. 1/19/62-AI(i)—Shri P. S. Ramachandran, Assistant Manager (Tech.), Govt. of India Press, Coimbatore, has been appointed to officiate as Assistant Controller (Outside Printing), Calcutta with effect from 19th July 1963 *vice* Shri N. Das Gupta reverted.

No. 1/19/62-AI(ii)—On his reversion from the post of Assistant Controller (Outside Printing) Shri N. Das Gupta has been appointed to officiate as Assistant Manager (Technical), Govt. of India Press, Minto Road, New Delhi with effect from 26th July 1963 (F.N.).

T. N. SRIVASTAVA
Chief Controller of Printing & Stationery

MINISTRY OF HOME AFFAIRS

Intelligence Bureau

NOTIFICATIONS

New Delhi-11, *the 30th July* 1963

No. 8/SIB/CI/60(232)—Shri Jagjit Singh, Assistant Surgeon, Grade-I in the Indo-Tibetan Border Check Posts in Kashmir relinquished the charge of the office of Assistant Surgeon, Grade I on the afternoon of the 17th June 1963.

No. 18/Est/52(40)—The Director, Intelligence Bureau, hereby appoints Shri H. S. Garbiyal, an Assistant Central Intelligence Officer, Grade-I as the Deputy Central Intelligence Officer, Bomdila, Kameng Frontier Division, N.E.F.A. under the A.D., Tezpur with effect from the forenoon of 14th June 1963 in a temporary capacity until further orders.

The 31st July 1963

No. 7/Est(CI)/59(39)—The Director, Intelligence Bureau, hereby appoints Shri Kuldip Chand Chopra, an Assistant Intelligence Officer, Grade I in the Intelligence Bureau, New Delhi to the post of Deputy Central Intelligence Officer at Bikaner in the organization of the Central Intelligence Officer, Jaipur with effect from the forenoon of 2-7-63 in temporary capacity until further orders.

No. 8/SIB(CI)/63(114)—The Director, Intelligence Bureau, hereby appoints Shri Malak Chand, officiating Deputy Superintendent of Police, Punjab, on deputation to the Intelligence Bureau, as Deputy Central Intelligence Officer, at Amritsar under subsidiary Intelligence Bureau, Amritsar with effect from the 16th May 1963 F.N. in a temporary capacity until further orders.

The 5th August 1963

No. 8/SIB(CI)/63(47)—The Director, Intelligence Bureau, hereby appoints Shri Rajendra Sharma, a Dy. Supdt. of Police of Bihar Police as a Deputy Central Intelligence Officer in the Intelligence Bureau, New Delhi with effect from the forenoon of 27th July 1963 in a temporary capacity until further orders.

N. K. RAY
Deputy Director
for *Director*

Central Bureau of Investigation

New Delhi-1, *the 1st August* 1963

No. 16/6/63-AD(I)—The Director, Central Bureau of Investigation and Inspector General of Police, Special Police Establishment, hereby appoints the following persons, as Dy. Superintendents of Police, C.B.I. Head Office New Delhi, in a temporary capacity, with effect from the dates shown against each, until further orders :—

(i)	Shri Kollaikal Madhavan	6-7-63 F.N.
(ii)	Shri Raghuvendra Narain Sinha	6-7-63 F.N.
(iii)	Shri Jag Mohan	19-7-63 F.N.

The 2nd August 1963

No. 17/1(3)/62-*AD(I)*—Consequent on his promotion as Deputy Superintendent of Police, in the parent State of Punjab, Shri Harbans Singh, Inspector of Police, S.P.E. Ambala, an officer of Punjab Police on deputation to S.P.E. is hereby appointed as Deputy Superintendent of Police, S.P.E. Ambala Branch, in an officiating capacity with effect from 16-5-63, F.N., until further orders.

The 3rd August 1963

No. 11/6(13)/63-*AD(I)*—Deputy Inspector General of Police, Special Police Establishment, hereby appoints the following officers, on deputation as Inspectors in the Special Police Establishment, Jaipur Branch in a temporary capacity with effect from the date noted against each until further orders.

(1) Shri K. L. Rao	19-6-63 (F.N.)
(2) Shri G. L. Tiwari	15-6-63 (F.N.)

HARISH CHANDRA
Administrative Officer
for *Dy. Insptr. Genl. of Police*
Special Police Establishment

INDIAN AUDIT AND ACCOUNTS DEPARTMENT

NOTIFICATIONS

New Delhi, the 1st August 1963

No. 2673-*GEI/G*-8/*PF-Pt.II*—Shri P. P. Gangadharan, IA & AS was granted earned leave for 41 days with effect from 8-5-63 (forenoon) to 17-6-63.

On return from leave and joining time, he has been posted as the Accountant General, Madhya Pradesh, Gwalior with effect from the 1st July, 1963, *vice* Shri K. Ranganadham, IA & AS.

No. 2675-*GEI/R*-30/*PF*—Shri K. Ranganadham, IA & AS will cease to officiate as Accountant General, Gr. II with effect from the 1st July, 1963 (forenoon) on the relinquishment of charge of Accountant General, Madhya Pradesh, Gwalior to Shri P. P. Gangadharan, IA & AS.

He will continue to hold the post of Senior Deputy Accountant General in the office of the Accountant General, Madhya Pradesh, Gwalior.

No. 2677-*GEI/B*-35—Shri R. V. Bansod, IA & AS has been appointed to officiate in the Jr. Administrative Grade of the IA & AS from the 14th May, 1963 (afternoon) until further orders purely as a temporary measure and without prejudice to the claims of his seniors.

He has been appointed to hold the post of the Director of Audit & Accounts, P. & T., Nagpur in addition to his own duties as the Deputy Director of Audit & Accounts, P. & T., Nagpur, with effect from the same date until further orders.

No. 2679-*GEI/B*-35—Shri R. V. Bansod, IA & AS was appointed to officiate in the Junior Administrative Grade of the IA & AS for the period from the 10th of October, 1962 (Afternoon) to the 10th of December, 1962 (forenoon) purely as a temporary measure and without prejudice to the claims of his seniors.

During this period, the officer was appointed to hold the post of the Director of Audit & Accounts, Post & Telegraphs, Nagpur in addition to his own duties as the Deputy Director of Audit & Accounts, Posts & Telegraphs, Nagpur.

No. 2711-*GEI/A*-22/*PF.Pt.II*—Shri Arun Nabar, IA & AS, Deputy Chief Auditor, Northern Railway, New Delhi has been temporarily appointed to hold charge of the post of the Chief Auditor, Northern Railway, New Delhi with effect from the 28th June, 1963 (afternoon) in addition to his own duties as the Deputy Chief Auditor, Northern Railway, New Delhi, consequent upon the transfer of Shri S. Ramier, IA & AS as the Accountant General, Rajasthan, Jaipur.

No. 2713-*GEI/R*-35/*PF*—Shri S. Ramier, IA & AS, has been relieved from the post of the Chief Auditor, Northern Railway, New Delhi, on the afternoon of the 28th June, 1963.

He has also been posted as the Accountant General, Rajasthan, Jaipur with effect from the 2nd July, 1963 forenoon, *vice* Shri G. B. Singh, IA & AS transferred as Chief Auditor, Northern Railway, New Delhi.

No. 2724-*GEI/R*-56/*PF*—Consequent upon Shri T. Narasimhan's assumption of the charge of the post of the Chief Auditor, South Eastern Railway, Calcutta on the forenoon of the 28th June, 1963, Shri G. Renganathan, IA & AS ceased to perform the additional duties of the Chief Auditor. Shri Renganathan will continue to hold the post of the Dy. Chief Auditor, South Eastern Railway, Calcutta with effect from the said date.

No. 2794-*GEI/D*-16/*PF*—Shri S. M. Dutta, IA & AS, Assistant Director of Commercial Audit, New Delhi was appointed to hold charge of the post of the Deputy Director of Commercial Audit, New Delhi with effect from the afternoon of the 6th April, 1963 to the forenoon of the 18th June, 1963, purely as a temporary measure and without prejudice to the claims of his seniors.

No. 2796-*GEI/M*-15/*PF.Pt.II*—Shri S. M. Maitra, IA & AS has been posted as the Chief Auditor, North Eastern Railway, Gorakhpur with effect from the forenoon of the 1st July, 1963 *vice* Shri K. S. Sastry.

Shri K. S. Sastry will continue to hold the post of Deputy Chief Auditor, North Eastern Railway, Gorakhpur.

No. 2816-*GEI/G*-1/*Pt.III*—Shri G. B. Singh relinquished charge of the post of Accountant General, Rajasthan, Jaipur on the 2nd July, 1963. On the expiry of his joining time, he was posted as the Chief Auditor, Northern Railway, New Delhi on the 10th July, 1963 *vice* Shri Arun Nabar. Shri Arun Nabar continues to hold the post of Dy. Chief Auditor, Northern Railway, New Delhi.

No. 2818-*GEI/K*-15/*PF.Pt.IV*—Shri R. K. Khanna, IA & AS was granted earned leave for 29 days from the 8th June, 1963 to the 6th July, 1963 with permission to affix Sunday on the 7th July, 1963.

On return from leave he has been re-posted as the Accountant General, Central Revenues, New Delhi with effect from the 8th July, 1963.

Shri P. K. Rau, Accountant General, Commerce, Works & Miscellaneous, New Delhi who was holding the additional charge of the post of the Accountant General, Central Revenues, New Delhi has ceased to hold the additional charge with effect from the same date.

No. 2831-*GEI/J*-13—Shri D. K. Jain, IA & AS has been appointed as an Officer holding supervisory charge in the time scale of the IA & AS with effect from the 14th May, 1963.

He will continue as Pay and Accounts Officer in the Ministry of Works, Housing & Rehabilitation, New Delhi where his services were placed with effect from the afternoon of the 8th of April, 1963.

No. 2843-*GEI/GI/Pt.III*—Shri G. B. Singh, Chief Auditor, Northern Rly., New Delhi has been temporarily appointed to hold the additional charge of the Office of the Director of Commercial Audit, New Delhi with effect from the 10th of July, 1963, *vice* Shri B. L. Boipai, who continues to hold the post of the Dy. Director of Commercial Audit (Headquarters), New Delhi.

The 5th August 1963

No. 2845-*GEI/S*-4/*PF.II*—Shri P. K. Sen, IA & AS, Director of Commercial Audit, New Delhi, has been sanctioned earned leave for 31 days with effect from the 8th July, 1963 to the 7th of August, 1963 with permission to prefix Sunday the 7th July, 1963.

Shri B. L. Boipai, Deputy Director of Commercial Audit (H.Q.), New Delhi has been temporarily posted to hold charge of the post of Director of Commercial Audit, New Delhi in addition to his own charge with effect from the afternoon of the 6th July, 1963, until further orders.

No. 2862-*GEI/V*-10/*PF.II*—The Comptroller & Auditor General of India has been pleased to promote and appoint Shri V. B. Varma, IA & AS to officiate in the Junior Administrative Grade of the IA & AS with effect from the afternoon of the 13th July, 1963, until further orders.

On reversion from deputation, Shri Varma has been posted as Senior Deputy Accountant General (TAD) in the Office of the Accountant General, Uttar Pradesh, Allahabad with effect from the same date.

No. 2904-*GEI/S*-88/*Pt.II*—The Comptroller & Auditor General of India is pleased to appoint Shri K. S. Sastry, IA & AS to officiate in the Junior Administrative Grade of the IA & AS during the period from the afternoon of the 10th May, 1963 to the 1st July, 1963 (forenoon) purely as a temporary measure and without prejudice to the claims of his seniors.

During this period, Shri Sastry was appointed to hold the post of the Chief Auditor, North Eastern Railway, Gorakhpur in addition to his own duties as the Deputy Chief Auditor in the same office.

M. S. BHATNAGAR
Deputy Comptroller & Auditor General of India

Office of the Accountant General, Central Revenues

New Delhi-1, the 31st July 1963

No. Admn/5-34/1865—The Accountant General, Central Revenues is pleased to advance the date of substantive appointment of the following Asstt. Accounts Officers in the Asstt. Accounts Officer's grade.

Sl. No.	Name S/Shri	Date of substantive appointment advances	
		From	To
1	P. R. Bannett	27-6-58	1-3-58
2	Mahesh Bal	10-8-58	27-6-58
3	G. D. Kapoor	3-9-58	10-8-58
4	R. K. Das	3-2-59	3-9-58
5	S. P. Bhatia	1-3-59	3-2-59
6	H. K. L. Talwar	8-4-59	1-3-59
7	G. S. Krishnan	10-7-59	8-4-59
8	S. D. Berry	1-8-59	10-7-59
9	Dewan Singh	13-9-59	1-8-59
10	Gian Chand	15-9-59	13-9-59
11	H. R. Goswami	17-1-60	15-9-59
12	G. P. Verma	28-1-60	17-1-60
13	J. P. Berry	1-3-60	28-1-60
14	K. S. Trehan	1-4-60	1-3-60
15	Y. P. Anand	17-4-60	1-4-60

The Accountant General is also pleased to appoint substantively the following officiating Asstt. Accounts Officers with effect from the dates shown against them :—

Sl. No.	Name S/Shri	Date with effect from which confirmed
1	D. S. Bist	17-4-60
2	A. S. Gupta	17-5-60
3	R. K. Anand	20-10-60
4	R. C. Backerney	24-11-60
5	Y. Mohan	13-12-60
6	Bhag Ram	15-12-60
7	J. B. Lal	17-1-61
8	Karam Singh	18-1-61
9	I. D. Mathur	2-2-61
10	J. R. Acharya	3-3-61
11	R. N. Gupta	20-3-61
12	B. N. Chadha	3-4-61
13	B. P. Mathur	15-4-61
14	S. P. Goel	9-6-61
15	Mahendra Narain	12-9-61
16	S. N. Rastogi	1-10-61
17	H. N. Mathur	6-10-61
18	S. D. Sharma	14-2-62
19	R. N. Chopra	15-2-62
20	S. K. Viswanathan	16-6-62

The 6th August, 1963

No. Adm/5-8/1998—The Accountant General is pleased to allow Shri A. P. Mandal, A PERMANENT S.A.S. Accountant of the office of the A.G.C.R., New Delhi now on deputation with the Delhi Administration, officiating promotion in the Assistant Accounts Officer's grade in the office of the A.G.C.R. with effect from the 30th April 1963 A.N. until further orders.

(2) Shri V. D. Puri, a permanent Assistant Supdt. of the office of the Comptroller and Auditor General of India, New Delhi allotted proforma to the office of the A.G.C.R., New Delhi and now on Foreign Service with the General Insurance Council has been allowed by him officiating promotion in the Assistant Accounts Officer's Grade in the office of the A.G.C.R. with effect from the 21st June 1963 A.N. until further orders.

(3) Shri M. L. Behl, a permanent S.A.S. Accountant of the office of the A.G.C.R., New Delhi now on foreign service with the General Insurance Council has also been allowed by him officiating promotion in the A.A.O's. grade in the office of the A.G.C.R. with effect from the 29th June 1963 until further orders.

R. KUMAR
Deputy Accountant General (Admn.)

Office of the Accountant General, (C.W. & M.)

New Delhi, the 7th August 1963

No. Admn.II/1(82)/1778–86—Shri B. V. Subramanyan, a permanent Asstt. Accounts Officer of the Office of the Accountant General, C.W. & M., New Delhi, has been relieved of his duties with effect from 1st August 1963 (A.N.) consequent on his transfer as Asstt. Accountant General in the Office of the Accountant General, Andhra Pradesh, Hyderabad.

P. K. RAU
Accountant General

Office of the Accountant General, W. Bengal

Calcutta-1, the 3rd August 1963

I

No. Estt/PF/2413—The Accountant General, West Bengal is pleased to appoint Shri N. C. De, a permanent S.A.S. Accountant of his office, to officiate as an Assistant Accounts Officer with effect from the 1st August, 1963, until further orders.

II

The Accountant General, West Bengal is pleased to grant proforma promotion to Shri N. R. Pal, a permanent S.A.S. Accountant of his office, now on deputation (foreign service terms) to the Insurance Association of India, General Insurance Council, New Delhi, as officiating Assistant Accounts Officer in the parent office with effect from the 1st August, 1963 until further orders.

No. Estt./PF/2416—Shri C. Chatterjee, a permanent Assistant Accounts Officer of the Office of the Accountant General, West Bengal, having been selected for deputation to the West Bengal State Electricity Board, Calcutta on foreign service terms, is relieved of his duties in that office with effect from the 1st August, 1963.

K. B. DAS BHOWMIK
Deputy Accountant General (Admn.)

Office of the Accountant General, Bihar

Ranchi, the 30th July 1963

The services of Sri B. P. Karan, a substantive Asstt. Accounts Officer of the Office of the Accountant General, Bihar have been placed at the disposal of the Bihar State Electricity Board on foreign service terms laid down in the Govt. of India, Ministry of Finance (Department of Expenditure) O.M. No. F. 10(24)E.III/60, dated 4-5-61, with effect from 14th May, 1963 (AN).

D. H. VEERAIAH
Accountant General, Bihar

Office of the Accountant General, Assam

Shillong, the 8th August 1963

*No. Estt.I/PC/*1868-69—Shri Jatindra Mohan Das, a permanent S.A.S. Accountant of the office of the Accountant General, Assam, is promoted to officiate as Assistant Accounts Officer with effect from 1st August 1963 (F.N.) until further orders.

*No. Estt.I/PC/*1878-79—Shri Nabani Ranjan Bhattacharjee, a permanent S.A.S. Accountant of the office of the Accountant General, Assam, is promoted to officiate as Assistant Accounts Officer with effect from 1st August 1963 (F.N.) until further orders.

S. VASUDEVAN
Accountant General, Assam

Office of the Accountant General, Punjab

Simla, the 8th August 1963

No. 2736/*G.O.Misc./*27-63-*II*—But for his deputation to the office of the Accountant General, Jammu & Kashmir, Srinagar, Shri H. S. Duggal, a member of the Subordinate Accounts Service, would have been promoted and continued to officiate as an Assistant Accounts Officer with effect from the 9th September 1961.

M. M. MUBARAKI
Deputy Accountant General (Admn.)

Office of the Accountant General, Kerala

Trivandrum, the 29th July 1963

The Accountant General, Kerala is pleased to appoint the following officiating Assistant Accounts Officers of the Office of the Accountant General, Kerala in a substantive capacity in the Assistant Accounts Officer's grade of that office with effect from the dates noted against their names :—

Sl. No.	Name	Date of appointment in substantive capacity
1.	Shri V. T. Sundareswaran	3-9-1961
2.	Shri R. Harihara Iyer	23-12-1961
3.	Shri V. Kalyanasundaram	5-1-1962
4.	Shri M. S. Malkani	24-1-1962
5.	Shri P. P. Philip	29-5-1962
6.	Shri E. G. Thrivikraman Pillai	24-7-1962

E. V. CHANDRASEKHARAN
Deputy Accountant General (Admn.)

Office of the Accountant General, Jammu & Kashmir

Srinagar, the 27th July 1963

No. 62-*A*—Shri Kashi Nath Sadhu, a member of the S.A.S. of the office of the Accountant General, Jammu and Kashmir is appointed to officiate as an Assistant Accounts Officer in that office with effect from 27-7-1963 until further orders.

No. 63-*A*—Shri Ghulam Moh'd Sheikh, a member of the S.A.S. of the office of the Accountant General, Jammu and Kashmir, is appointed to officiate as an Assistant Accounts Officer in that office with effect from 26-7-1963 until further orders.

K. R. NAIR
Accountant General

Office of the Accountant General, Rajasthan

Jaipur, the 31st July 1963

*No. OE II-G-Conf-*63-64-1—The Accountant General, Rajasthan has been pleased to appoint Sarvashri M. S. Grover and N. L. Nepalia, officiating Assistant Accounts Officers of his office in a substantive capacity in the Assistant Accounts Officer's grade with effect from 12th July 1962 and 1st November 1962 respectively.

R. P. SHRIVASTAVA
Dy. Accountant General (Admn.)
Rajasthan, Jaipur

Office of the Accountant General, Gujarat

Ahmedabad, the 30th July 1963

*No. Estt/GO/*3/(7)/1761—Shri H. Bhambhani, an officiating Assistant Accounts Officer in the Office of the Accountant General, Gujarat, Ahmedabad is appointed in a substantive capacity in the Assistant Accounts Officer's grade in that office with effect from 25-4-1963.

T. RENGACHARI
Accountant General

Office of the Accountant General, Mysore

Bangalore, the 23rd July 1963

*No. ESI/A4/PFV-*43/338—Shri E. Venkataramanan, an officiating Assistant Accounts Officer in the Office of the Accountant General, Mysore, Bangalore is appointed in a substantive capacity in the Assistant Accounts Officer's grade with effect from 1st April 1962.

P. KRISHNAMURTI
Accountant General

Office of the Chief Auditor, Central Railway

Bombay, the 7th August 1963

Shri P. D. Bhise, a permanent member of the Subordinate Railway Audit Service, is promoted to officiate as Assistant Audit Officer in this office with effect from the 1st August 1963 and until further orders.

2. He has been posted as Divisional Audit Officer, Bombay.

N. R. BANSOD
Chief Auditor

MINISTRY OF DEFENCE

Headquarters Central Workshop Group

NOTIFICATIONS

*Delhi Cantt-*10, *the 2nd August* 1963

No. 21101/*ADM*—The undermentioned officer has been granted leave :

Corps of EME

Senior Wksp Officer, Shri RK MALHOTRA, granted 30 days earned leave wef 2 Aug 63 to 31 Aug 63.

Certified that the officer is likely to join the duty station on expiry of earned leave (Delhi Cantt) from where he proceeded.

(Sd.) ILLEGIBLE
SWO
for *Commander*
HQ Central Workshop Group

Central Workshop Group Garrison Engineer

Halwara, the 6th August 1963

No. 1144/39/*EI*—The undermentioned officer is granted leave :—

MES-8463955 Shri BG CHEMBURKER EE GF HALWARA.

Earned leave 30 days wef 5 July 63.

(Sd.) ILLEGIBLE
AEE
for *Garrison Engineer*

505 Central EME Workshop

Delhi Cantt-10, the 23rd July 1963

No. 21103 *Adm(O)*—The undermentioned officer is granted leave :—

Corps of EME

Shri HARBHAJAN SINGH, Offg Wksp Offr Cl II of 505 Central EME Workshop, DELHI CANTT-10 was granted 18 days earned leave on average pay from 17 Jun to 4 Jul 63.

The 29th July 1963

No. 21103/*ADM(O)*—The undermentioned officer is granted leave :—

Corps of EME

Shri LR TALWAR, Ty Workshop Offr, Cl II of Detachment Technical Services Group Number 17 (Technique) attached 505 Central EME Workshop, DELHI CANTT-10, was granted 20 days earned leave on average pay from 1 Jul to 20 Jul 63.

The 1st August 1963

No. 21103 *Adm(O)*—The undermentioned officer is granted leave :—

Corps of EME

Shri WAZIR CHAND, Ty Workshop Officer Class II of 505 Central EME Workshop, DELHI CANTT-10 was granted 31 days earned leave on average pay from 22 Jul 63 to 21 Aug 63.

AR ANAND
Major
for *Col*
Comdt

COMMANDER WORKS ENGINEERS

CORRIGENDUM

Poona-1, the 31st July 1963

Reference this office No. 1327/193/EIO, dated 29 May 1963

No. 1327/202/*EIO*—The following amendment may please be issued to the Draft Gazette Notification submitted to you *vide* this office letter quoted above :—

For "Earned Leave for 30 days wef 6 May 63" *read* "Earned Leave for 25 days wef 6 May 63".

(Sd.) ILLEGIBLE
for *Commander Works Engineers*

Armed Forces Medical Stores Depot

Lucknow, the 6th August 1963

No. 920101/103—The promotion of Shri MS BINDRA, Temporary Storekeeper, Grade I (Permanent Storekeeper, Grade II) as Temporary Stores Officer (Civ) with effect from 1 Dec 62 notified in Gazette of India, Part III, Section 4, dated 15th December 1962 is cancelled.

G. B. BHATTACHARYA
Lieut Colonel
OC AFMSD, Lucknow

MINISTRY OF LABOUR AND EMPLOYMENT

Office of the Chief Labour Commissioner (Central)

NOTIFICATIONS

New Delhi-1, the 5th August 1963

No. Adm.I/5(2)/63—Shri J. D. Sharma, Labour Inspector (Central), Dhanbad, was transferred with effect from the afternoon of the 13th May 1963 and posted in the same capacity to the office of the Labour Inspector (Central), Dhanbad (Headquarters), with effect from the forenoon of the 17th June 1963.

B. K. SAKSENA
Assistant Labour Commissioner (A)

Office of the Chief Inspector of Mines

Dhanbad, the 5th August 1963

No. 11(23)60-*Est*/39100*G*—Shri Raghunath Singh has been appointed as Assistant Inspector of Mines, on probation for two years, with effect from the forenoon of 20th July 1963, with his headquarters at Dhanbad.

G. S. JABBI
Chief Inspector of Mines

MINISTRY OF COMMERCE AND INDUSTRY

Office of the Development Commissioner

NOTIFICATION

New Delhi, the 8th August 1963

No. 12(350)/62-*A.I.*—Shri V. D. Patwardhan, a Superintendent in the Small Industries Service Institute, Indore, is appointed to officiate as Assistant Director (Grade II) in the Small Industries Service Institute, Indore, until further orders. He assumed charge as Assistant Director (Grade II) in the afternoon of 31st July 1963.

R. J. BHOJWANI
Deputy Director (Admn.)
for *Development Commissioner*

MINISTRY OF INTERNATIONAL TRADE

Office of the Chief Controller of Imports and Exports

NOTIFICATIONS

New Delhi, the 7th August 1963

No. 6/698/62-*Admn(G)*/2811—The Chief Controller of Imports and Exports hereby appoints Major G. I. Punvani, formerly Adjutant, 107 Infantry Battalion, Territorial Army, Siliguri (West Bengal), as Assistant Controller of Imports and Exports in the office of the Joint Chief Controller of Imports and Exports, Bombay, in an officiating capacity, with effect from the forenoon of the 15th July 1963, until further orders.

K. RAJARAMAN
Deputy Chief Controller of Imports & Exports
for *Chief Controller of Imports & Exports*

New Delhi, the 7th August 1963

No. 19/13/59-*Admn.*/6692—The following officers have been appointed in quasi-permanent capacity in the grade and with effect from the date mentioned against each in the Import and Export Trade Control Organisation :—

Sl. No.	Name	Post in which declared Q.P.	Date from which declared Q.P.
1.	Kumari S. D. Marathe	Assistant Controller	1-7-60
2.	Shri P. Govinda Raju	Do.	1-7-60
3.	„ S. B. Gulhati	Do.	1-7-60
4.	„ Banarasi Dass	Do.	1-7-60
5.	„ V. K. Mehta	Do.	1-7-60
6.	„ N. K. Jagatap	Do.	1-7-60
7	„ D. K. Khosla	Do.	1-7-60
8.	„ K. R. Dheer, now officiating as Controller in the Office of the J.C.C.I. & E., Bombay.	Do.	1-7-60
9.	„ M. G. Gombar, now officiating as Controller in the Office of the J.C.C.I. & E., Bombay.	Do.	1-7-60
10.	„ Yoginder Raj, now officiating as Export Promotion Officer (Senior) in the Office of the Directorate of Export Promotion.	Do.	1-7-60

D. R. SUNDARAM
Chief Controller of Imports and Exports

DIRECTORATE GENERAL OF SUPPLIES AND DISPOSALS

NOTIFICATION

New Delhi, the 16th August 1963

No. A-1/42(15)—The Director General of Supplies and Disposals hereby appoints the following officers substantively in the permanent posts of Assistant Director (Grade II) in the Directorate General of Supplies and

Disposals, New Delhi with effect from the dates mentioned against each of them :—

Sl. No.	Name of Officer	Post held at present	Date of confirmation as A. D. (Grade II)
1.	Shri P. S. Rajagopalan	Assistant Director of Supplies (Grade I), New Delhi.	2-12-1961
2.	Shri S. K. Dutt ..	Do.	8-1-1962
3.	Shri P. S. Gladd ..	Assistant Director of Supplies (Grade II), New Delhi.	9-2-1963

K. N. PURI
Deputy Director (Administration)
for *Director General of Supplies and Disposals*
Tele : 48801

SURVEY OF INDIA

NOTIFICATION

Dehra Dun, the 5th August 1963

No. C-3044/P.F.(OPB)—The penalty of 'Censureship' imposed on Shri O. P. Bakshi, Officer Surveyor, then attached to No. 2 Party (N. Dte), under this office Notification No. C-2947/PF(OPB) of 21st April 1962, is dropped.

GAMBHIR SINGH
Brigadier
Surveyor General of India

GEOLOGICAL SURVEY OF INDIA

NOTIFICATIONS

Calcutta-13, the 6th August 1963

No. 8320*T*/51/62/19—Shri N. Mondal, A.A.O., G.S.I., is appointed as an Adm. Officer in the Geological Survey of India in the scale of Rs. 475—25—500—30—590—EB—30—800 in a temporary capacity with effect from the forenoon of the 2nd August, 1963 until further orders.

The 8th August 1963

No. 8392*T*/40/59/*C*—The following Superintendents, Geological Survey of India, are appointed as Asstt. Admn. Officers in the Geological Survey of India, in the scale of Rs. 350—25—500—30—590—EB—30—800 in a temporary capacity with effect from the dates mentioned against their names, until further orders.

1. Shri A. K. Ghosh—27-7-63 (F.N.).
2. Shri G. K. Mitra—27-7-63 (F.N.).

The 12th August 1963

No. 8450*T*/40/59*C*—Shri A. Bera, Superintendent, Geological Survey of India, is appointed as an Assistant Administrative Officer in the Geological Survey of India in the scale of Rs. 350—25—500—30—590—EB—30—800 in a temporary capacity with effect from the forenoon of the 8th August 1963, until further orders.

B. C. ROY
Director General
Geological Survey of India

DIRECTORATE GENERAL, ALL INDIA RADIO

NOTIFICATIONS

New Delhi, the 8th August 1963

No. 5(18)/63-*SI*—The Director General, All India Radio, hereby appoints Shri Vyas Deo, Post Graduate Teacher in Physics, Delhi Administration, Delhi, as Television Instructor, Television Centre, All India Radio, New Delhi, in a temporary capacity with effect from the 1st May 1963, until further orders.

B. N. CHAUDHURI
Deputy Director of Administration
for *Director General*

New Delhi, the 8th August 1963

No. 1(12)(3)*D*3/62—On his selection for appointment to the post of Senior Scientific Officer, Grade I, in the Defence, Research and Development Organisation of the Ministry of Defence at Hyderabad, Shri K. C. Chadha, Assistant Engineer, Planning & Development Unit, Directorate General, All India Radio, has been relieved of his duties in the Directorate General, All India Radio, (P & D Unit) on 1-8-1963 (Forenoon).

K. P. SARASWATHY
Dy. Development Officer (A)
for *Director General*

MINISTRY OF MINES AND FUEL

Indian Bureau of Mines

NOTIFICATIONS

Nagpur, the 31st July 1963

No. 7865/10(67)/63-*Adm*—The following officials are hereby appointed to officiate as Drillers in the Indian Bureau of Mines, with effect from the date mentioned against each :—

Sl. No.	Name	Designation	Date of appointment to the post of Driller
1.	Shri V. B. Chitle	Pmt. S.T.A.	6-7-63 F/N
2.	„ K. P. Dutta Burman	Pmt. J.T.A. offg. S.T.A.	6-7-63 F/N
3.	„ R. K. Bhabuta ..	Q.P. S.T.A.	16-7-63 F/N
4.	„ Ranbir Singh ..	Pmt. Drill. Opr.	16-7-63 F/N
5.	„ V. Ramchandra Rao	Q.P. J.T.A.	18-7-63 F/N
6.	„ D. P. Deshmukh ..	Q.P. Drill/Asstt.	22-7-63 F/N
7.	„ M. Khameswaran ..	Q.P. J.T.A.	22-7-63 F/N
8.	„ K. Koshy	Pmt. Drill/Opr.	22-7-63 A/N

The 8th August 1963

No. 8106/10(67)/63-*Adm.*—The following officials are hereby appointed to officiate as Drillers in the Indian Bureau of Mines, with effect from the dates mentioned against each :—

Sl. No.	Name	Designation	Date of appointment to the post of Driller
1.	Shri M. John Stephen ..	Q.P. J.T.A. Offg. S.T.A.	25-7-63 F/N
2.	Shri G. S. D. Upadhyaya ..	Pmt. S.T.A.	1-8-63 F/N
3.	Shri J. A. K. Tareen ..	Q.P. J.T.A. Offg. S.T.A.	1-8-63 F/N

A. K. RAGHAVACHARY
Administrative Officer
for *Director*

The 9th August 1963

No. 8143/*Adm.*3(146)—Shri D. N. Grover, officiating Assistant Stores Officer, is promoted to officiate as Stores Officer, Indian Bureau of Mines, with effect from 15th July 1963, until further orders *vice* Shri A. K. Kaul, officiating Stores Officer, granted leave.

ILLEGIBLE
Sr. Adm. Officer
for *Director*

DIRECTORATE GENERAL OF HEALTH SERVICES

NOTIFICATIONS

New Delhi, the 5th August 1963

No. 52-8/63-*S.I*—On the expiry of the leave granted in this Directorate Notification of even No. dated 29th June 1963, Shri B. C. Mukherjee assumed charge of the post of officiating Assistant Depot Manager in Government Medical Store Depot, Calcutta on the forenoon of the 15th July 1963.

M. G. PANDIT
for *Director General of Health Services*

New Delhi-1, *the 6th August* 1963

No. 1-48/63-*Adm.I*—The Director General of Health Services hereby appoints Dr. S. N. Verma as Assistant Surgeon, Grade I in the Willingdon Hospital, New Delhi purely in an officiating capacity with effect from the forenoon of the 22nd July 1963 until further orders.

No. 1-49/63-*Adm.I*—The Director General of Health Services hereby appoints Dr. Ranvir Bawa as Assistant Surgeon, Grade I in the Willingdon Hospital, New Delhi purely in an officiating capacity with effect from the forenoon of the 22nd July 1963 until further orders.

New Delhi, the 7th August 1963

No. 13-91/58-*P*(*Pt. II*)—On the termination of his services, Dr. J. M. Din relinquished charge of the post of Medical Officer (Goitre) in the Directorate General of Health Services, on the afternoon of the 15th April 1961.

The 8th August 1963

No. 1-50/63-*Adm.I*—The Director General of Health Services hereby appoints Dr. I. S. Sindhu as Assistant Surgeon, Grade I in the Willingdon Hospital, New Delhi purely in an officiating capacity with effect from the forenoon of the 22nd July 1963 until further orders.

A. S. BAWA
Deputy Director (*Administration*)

New Delhi, the 9th August 1963

No. 1-95/63-*CHS.I*—The Director General of Health Services hereby appoints Dr. Tejinder Singh to the post of Assistant Surgeon, Grade I, under the Contributory Health Service Scheme, in a temporary capacity with effect from the forenoon of the 6th July 1963, till further orders.

No. 1-99/63-*CHS.I*—The Director General of Health Services hereby appoints Dr. (Miss) Nirmal Gupta to the post of Assistant Surgeon, Grade I, under the Contributory Health Service Scheme, in a temporary capacity with effect from the afternoon of the 10th July 1963, till further orders.

K. C. GUPTA
Deputy Director (*Administration*)

INDIAN AGRICULTURAL RESEARCH INSTITUTE

NOTIFICATIONS

New Delhi, the 2nd August 1963

*No. Ad.*1/17/(185)/*Bot*—The Director, Indian Agricultural Research Institute, hereby appoints Shri B. N. Dogra, Superintendent (Non-gazetted) in the Director's office, Indian Agricultural Research Institute to officiate as Superintendent (Cl. II—gazetted) in the pay scale of Rs. 350—20—450—25—575 in the Botany Division with effect from the forenoon of 23rd July 1963 until further orders.

The 6th August 1963

*No. Ad.*1/17/(192)/*Bot*—The Director, Indian Agricultural Research Institute, hereby appoints Shri B. D. Patil, Assistant Agrostologist (Cl. II) in the Botany Division in a substantive capacity in the same post with effect from the 15th December 1962.

VAS DEV
Registrar
for *Director*

CENTRAL INSTITUTE OF FISHERIES TECHNOLOGY

NOTIFICATION

Ernakulam-1, *the 1st August* 1963

No. F.7B/CIFT/63—Smt. Susamma Jacob and Shri K. K. Balachandran, Research Assistants at this Institute are appointed to officiate in the temporary posts of Assistant Research Officers (Processing) with effect from the forenoon of the 27th July 1963 and until further orders.

A. N. BOSE
Director

NATIONAL DAIRY RESEARCH INSTITUTE

NOTIFICATION

Karnal, the 13th August 1963

*No. F.*1-2/63-*E*-6152—Shri L. P. Marutha Muthu, officiating Research/Technical Assistant at the Southern Regional Station of National Dairy Research Institute, Bangalore, is appointed on a temporary basis to the Class II (gazetted) post of Assistant Dairy Technologist in the revised scale of Rs. 350—25—500—30—590—EB—30—800—EB—30—830—35—900, at the same station with effect from the forenoon of 6th July 1963 until further orders.

K. K. IYA
Director of Dairy Research

DELHI MILK SCHEME

NOTIFICATION

New Delhi-12, *the 7th August* 1963

No. 2-1/63-*Estt*—On release from the office of the Executive Engineer, Bombay Aviation Division No. 2, Central Public Works Department, Bombay, Shri G. T. Desai a Permanent Section Officer in the Central Public Works Department, on deputation to Delhi Milk Scheme has been appointed to a temporary post of Assistant Engineer in the Scheme with headquarter at New Delhi with effect from 4-3-1963 (F.N.) and until further orders.

L. C. SIKKA
Chairman

DEPARTMENT OF ATOMIC ENERGY

NOTIFICATIONS

Bombay-5, the 2nd August 1963

No. PA/M/151-*Adm.III*/4893—Shri S. S. Mali, a temporary Scientific Officer/Engineer-Grade SC1, of the Atomic Energy Establishment, Trombay, was relieved of his duties on the forenoon of 26th November 1962 to report to the Air Force Station, Bombay, for Air Force Service.

The 31st July 1963

No. PA/K/92-*Adm.III*/4949—The Controller, Atomic Energy Establishment, Trombay, hereby appoints Shri V. M. Kalelkar, a temporary Superintendent in the Purchase and Stores Division of the Atomic Energy Establishment, Trombay, to officiate as Assistant Purchase Officer in a temporary capacity in the same Division from the forenoon of January 2, 1963 and until further orders.

K. S. GOPALAKRISHNAN
Establishment Officer
for *Controller*

Bombay-5, the 6th August 1963

No. PA/A/319-*R*—The Controller, Atomic Energy Establishment, Trombay, hereby appoints Shri P. L. Agarwala to officiate as Assistant Stores Officer in a temporary capacity in the Atomic Energy Establishment, Trombay, from the forenoon of August 1, 1963, until further orders.

P. R. MER
Recruitment Officer
for *Controller*

INDIAN POSTS AND TELEGRAPHS DEPARTMENT

Office of the General Manager, Telephones

NOTIFICATION

New Delhi, the 3rd August 1963

No. STA-1-19/62—Shri Y. P. Sharma Telegraph Master, on transfer from Agra, has been promoted to officiate in Telegraph Traffic Service Class II w.e.f. 24-6-63 Forenoon.

S. K. RANA
Deputy General Manager (Admn)

OFFICE OF THE POSTMASTER-GENERAL, BIHAR CIRCLE

NOTIFICATION

Patna, the 30th July 1963

No. SG-21/Eng.—Shri B. B. Saxena A.E.(D), Circle Office, Patna is granted earned leave without medical certificate on full average pay for 13 days (thirteen days) with effect from 8th July 1963 to 20th July 1963 with permission to prefix Sunday the 7th July 1963 and suffix Sunday the 21st July 1963.

On expiry of his leave Shri B. B. Saxena resumed his duty as A.E.(D), Circle Office, Patna on 22nd July 1963 Forenoon.

T. N. SRIVASTAVA
for *Postmaster-General*
Bihar Circle, Patna

OFFICE OF THE POSTMASTER-GENERAL, GUJARAT CIRCLE

NOTIFICATIONS

Ahmedabad-20, the 1st August 1963

No. S7/22—Shri M. R. Pandya relinquished charge as Superintendent, Postal Stores Depot, Ahmedabad on 9-11-1962 A/N, and was granted earned leave for 120 days with effect from 10-11-1962 F/N.

Ahmedabad, the 7th August 1963

No. SL-16—In partial modification of this office Notification of even No. dated 24th June 1963, Shri R. I. Rana, officiating Supdt., P.S.D., Ahmedabad, is granted extension of earned leave for 17 days with effect from 13th June 1963. He is allowed one day's transit for joining the post of Asstt. Director, Postal Services, Ahmedabad.

A. SWAMINATHAN
Postmaster-General,
Gujarat Circle, Ahmedabad-20

OFFICE OF THE POSTMASTER-GENERAL, U. P. CIRCLE

NOTIFICATIONS

Lucknow-1, the 29th July 1963

No. Staff A-79LV/I—Shri V. N. Jha officiating Accounts Officer, Internal Check (Savings Bank) U.P. Circle, Lucknow was granted earned leave for 10 days with effect from the afternoon of the 2nd July 1963 with permission to suffix holidays on the 13th and 14th July 1963.

On the expiry of his leave Shri V. N. Jha resumed duty as officiating Accounts Officer, Internal Check, (Savings Bank) U.P. Circle, Lucknow in the Forenoon of the 15th July 1963.

No. Staff-A/74-LV/I.—Shri V. D. Oberoi resumed duty as Officiating Supdt. of Post Offices, Moradabad Division in the forenoon of the 10th June 1963.

No. Staff-A/245-LB/I.—Shri S. J. Brady, Officiating Senior Superintendent of Post Offices, Lucknow Division, was granted earned leave for three days with effect from the 15th July 1963 with permission to prefix Sunday, the 14th July 1963.

2. Shri U. P. Dhusia, Asstt. Postmaster-General, U.P. Circle, Lucknow looked after current duties of the Sr. S.P.Os., Lucknow in addition to his own, without any extra remuneration.

3. On the expiry of his leave, Shri S. J. Brady, resumed duty as officiating Senior Superintendent of Post Offices, Lucknow Division, in the Forenoon of the 18th July 1963.

The 31st July 1963

No. Staff A-40LH/I—Shri Harish Chandra officiating Superintendent of Post Offices, Saharanpur Division on his reversion to his substantive appointment has been granted the following leave.

1. Earned leave for 120 days from 10th June 1959 to 7th October 1959.

2. Leave on half pay for 506 days from 8th October 1959 to 24th February 1961.

3. Leave not due for 80 days from 25th February 1961 to 15th May 1961.

4. Extra Ordinary leave for 93 days from 16th May 1961 to 16th August 1961.

This is in supersession of this office notifications of even No. dated 10th September 1959, 4th March 1960, 16th May 1960, 25th May 1960, 30th June 1960, 19th September 1960, 23rd December 1960, 5th July 1961 and 25th September 1961.

Lucknow, the 3rd August 1963

No. Staff-A-138LK/I—Shri K. P. Jain, officiating Assistant Director, Postal Services, U.P. Circle, Lucknow has been granted earned leave for 23 days with effect from the 8th July 1963 with permission to prefix Sunday the 7th July 1963.

On the expiry of leave Shri K. P. Jain resumed duty as officiating Assistant Director Postal Services, U.P. Circle, Lucknow in the forenoon of the 31st July 1963.

P. V. TAMHANKAR
for *Postmaster-General*
U.P. Circle, Lucknow

OFFICE OF THE DIRECTOR OF POSTS & TELEGRAPHS, KERALA CIRCLE

NOTIFICATION

Trivandrum-1, the 31st July 1963

No. STE/376—Shri K. Seshadri, AE, Training Centre, Trivandrum is granted earned leave for 20 days from 1st July 1963. This supersedes the previous notification dated 6th July 1963.

He has rejoined on 22nd July 1963 Forenoon.

N. S. NAIR
for *Director, P&T*

OFFICE OF THE DIRECTOR-GENERAL OF POSTS & TELEGRAPHS, ORISSA CIRCLE

NOTIFICATION

Cuttack, the 29th July 1963

No. Staff/TE-20.—1. Shri T. R. S. Mani, on return from leave, joined as the Sub-Divisional Officer, Phones, Cuttack on the Forenoon of 9th July 1963 relieving Shri G. N. Tripathy.

2. Shri G. N. Tripathy, officiating S.D.O. Phones, Cuttack, on relief, joined as the Construction Officer, Telegraphs, Cuttack on the Forenoon of 9th July 1963 relieving Shri K. C. Behera.

3. Shri M. S. Ramacharlu, on return from leave, joined as the S.D.O. Telegraphs, Berhampur(GM) on 29th June 1963 relieving Shri S. K. Raul.

4. Shri S. K. Raul, Officiating S.D.O. Telegraphs, Berhampur(GM), on relief, joined as S.D.O. Telegraphs, Cuttack on 5th July 1963 Forenoon (New Post).

5. Shri K. C. Behera, Construction Officer, Telegraphs, Cuttack being relieved, joined as Assistant Engineer (Planning), Circle Office on 9th July 1963 Forenoon.

6. Mr. Zakaria, S.D.O. Telegraphs, Sambalpur, on return from leave, joined as S.D.O. Telegraphs, Titilagarh at Burla on 1st July 1963 Forenoon (New Post).

7. Shri K. S. Raghavan, Officiating Assistant Engineer (Planning) Circle Office on leave, has been reverted to his parent post of Engineering Supervisor with effect from 9th July 1963 Forenoon.

M. S. BHATTACHARYA
Dy. Director, Engineering, Orissa

MINISTRY OF TRANSPORT AND COMMUNICATIONS

India Meteorological Department

NOTIFICATIONS

New Delhi-3, the 3rd August 1963

No. E(1)01032—Sarvashri S. J. Maske and V. G. Gawai, temporary Assistant Meteorologists, are placed on probation for a period of two years with effect from 7th May 1961 and 5th April 1961, respectively.

No. E(1)01032—The undermentioned officers are appointed as Assistant Meteorologists, in the Indian Meteorological Service, Class-II, in a substantive capacity with effect from the dates shown against each :—

Sl. No.	Name of the Officer	Date of substantive appointment	Office of posting
1	Shri D. N. Das Gupta	1-7-60	Regional Met. Centre, Calcutta.
2	,, S. M. Kulshrestha	1-7-60	D.D.G.-I., New Delhi.
3	,, B. K. Sen ..	1-7-60	H. Qs. Office of the D.G.O., New Delhi.
4	Flt./Lt. D. K. Mishra ..	1-8-60	Commissioned in the Air Defence Reserve, I.A.F. (Met. Branch).
5	Shri N. Tripathi ..	1-8-60	D.M.O., Lucknow.
6	,, S. Raghavan ..	1-8-60	D.D.G.-I., New Delhi.
7	,, S. Gopala Rao ..	1-8-60	Since retired.
8	,, K. S. Raja Rao ..	1-8-60	On deputation on foreign service.
9	,, S. M. A. Alvi ..	1-8-60	D.D.G.-C., Poona.
10	Dr. A. S. Ramanathan	1-8-60	Kodaikanal.
11	Shri Y. R. Nene ..	1-8-60	D.D.G.-F., Poona.
12	Flt./Lt. V. D. Iyer ..	1-8-60	On secondment to I.A.F. (Met. Branch).
13	Shri P. A. Rama Iyer	1-8-60	R.M.C., New Delhi.
14	Flt./Lt. A. G. Garde ..	1-8-60	On secondment to I.A.F. (Met. Branch).
15	Dr. A. C. De	1-9-60	R.M.C., Calcutta.
16	Shri P. P. Sajnani ..	7-5-61	I.T.M., Poona.
17	,, A. Yacob	1-8-61	Colaba & Alibag Observatories, Colaba, Bombay.
18	,, T. S. S. Anjaneyulu	1-8-61	I.M.C., Bombay.
19	,, A. N. Das Gupta	1-8-61	H. Qrs. Office of the D.G.O., New Delhi.
20	,, B. B. D. Bhargava	1-8-61	Dy. Director General of Observatories (Instruments), New Delhi.
21	,, W. G. Chandiramani	1-8-61	R.M.C., Bombay.
22	,, H. S. Bhattacharya	1-8-61	On deputation to Ministry of Defence.
23	,, V. N. Antarkar ..	1-8-61	D.D.G.-C.,Poona.
24	F/O Madhusudan Singh	1-8-61	Commissioned in Air Defence Reserve, I.A.F. (Met. Br.).
25	Shri A. S. Narula ..	1-8-61	D.D.G.-C., Poona.
26	,, K. Veeraraghavan	1-9-61	H. Qs. Office of the D.G.O., New Delhi.
27	,, A. H. Mian ..	1-9-61	R.M.C., Nagpur.
28	,, S. Venkataraman	1-1-62	Agrimet., Poona.
29	,, Kundan Lal ..	1-1-62	R.M.C., New Delhi.
30	,, N. Seshadri ..	1-3-63	Hydrogen Factory, Agra.
31	,, S. K. Haldar ..	1-3-63	On deputation to the Ministry of Irrigation and Power.

Memorandum on the Rainfall of June and July and the Probable Amount during August and September 1963

1. WEATHER IN INDIA DURING JUNE AND JULY

June—The monsoon had advanced by about the normal date into the south and east central Bay of Bengal during the last week of May and into the extreme south Kerala on 31st May. In association with an upper air trough in the east central Arabian Sea it extended rapidly northwards up to the south Konkan by 5th June. A sea level trough which developed in the east central Arabian Sea off the Konkan coast on 7th and persisted off the Kathiawar-Konkan coast till 12th was responsible for the further extension of the monsoon up to Gujarat State by 12th. Heavy to very heavy rains fell at a number of places in the west coast and the Ghats and also in Gujarat State during this period. Thereafter, the monsoon became weak along the west coast until 18th when a feeble sea level low developed off the Konkan-Kanara coast and persisted along the west coast till the end of the month.

The monsoon was active in the Bay Islands during the first week. Nan Cowrie recorded 26 cm of rain on 1st. Under the influence of a depression which formed over the head of the Bay of Bengal on 6th and moved north-northeastwards into Assam, the monsoon advanced northwards and covered most parts of northeast India by 11th. The monsoon was active over Assam and most parts of northeast India and continued to be so till the end of the third week, in association with a feeble sea level low persisting over Gangetic West Bengal and neighbourhood from 15th to 18th. Cherrapunji recorded 59 cm of rain on 20th. According to press reports the continuous heavy rains in the catchment areas caused the Brahmaputra and other rivers to rise above the danger levels and led to breaches and flooding of many villages, the worst affected area being Nowgong district. The monsoon activity decreased considerably during the fourth week resulting in a temporary improvement in the flood situation in Assam. But the rainfall again increased over this area towards the end of the month.

A depression formed over north Andaman Sea on 23rd and moved inland near Gopalpur on 26th. Later, it weakened and merged into the seasonal trough over west Uttar Pradesh by 30th. Under its influence the monsoon activity increased considerably in the Bay Islands initially and over the Peninsula and central parts of the country later. The monsoon also advanced into east Rajasthan and west Uttar Pradesh by the end of the month.

A number of troughs in the westerlies moving across the Western Himalayas caused spells of good precipitation there and in the adjoining plains. According to press reports, a number of places in northwest India and Uttar Pradesh experienced severe thunderstorms, the severest being the one that hit Ambala on 6th with the squall speed of 98 m.p.h.

The month's rainfall was in moderate excess in the Punjab (I), Marathwada and Telangana, in slight excess in Gangetic West Bengal, Madhya Maharashtra, the Madras State and north Interior Mysore and normal in Assam, west Uttar Pradesh, Jammu and Kashmir, the Konkan and coastal Andhra Pradesh. It was in slight defect in the Bay Islands, Sub-Himalayan West Bengal, Orissa, Bihar State, east Rajasthan, west Madhya Pradesh, Vidarbha, Rayalaseema and coastal and south Interior Mysore, in moderate defect in east Uttar Pradesh, east Madhya Pradesh, Kerala, and the Arabian Sea Islands and in large defect over the rest of the country outside Himachal Pradesh for which area the data are incomplete.

July—Under the influence of a trough of low pressure over the northwest Bay of Bengal a depression formed over the head Bay on the morning of 4th with centre about 150 kms southsoutheast of Calcutta. Moving northwestwards, it weakened by 7th into a low pressure area and recurved. It finally moved away eastwards across Assam by 14th. A well marked low pressure area also formed and persisted over the Gulf of Cambay and adjoining Gujarat State during the period 2nd to 5th. In association with these developments, the monsoon was quite active in the Peninsula during the first ten days. Spells of heavy rains also occurred in most of the remaining parts of the country and the monsoon advanced into the Punjab (I) by 10th. Dahanu recorded 31 cm of rain on 5th, Mahabaleshwar 37 cm and Bombay 19 cm on 7th, Baroda 14 cm and Jalpaiguri 20 cm on 9th and Cherrapunji 52 cm on 12th. According to press reports, the railway traffic between Bombay and Gujarat was disrupted owing to breaches in the Western Railway track between Sanjan and Umbergaon caused by heavy downpour. Also twenty people were reported to have been drowned in the

flood waters in Surat District and another twenty-five in Gujarat. There were also press reports about the second wave of floods in Assam which began towards the end of the last month.

The monsoon trough shifted northwards during the second week and its axis lay generally close to the foot of the Himalayas till the beginning of the last week. Consequently, the monsoon activity was confined to the northern parts of the country, while the activity over the Peninsula remained generally feeble till 25th.

In association with a low pressure area moving westwards from east Uttar Pradesh, the monsoon extended further to cover the entire country by 17th. Very heavy rains also occurred in Uttar Pradesh, Allahabad recording 20 cm of rain on 14th and 23 cm on 15th. With the seasonal low over West Pakistan becoming quite active during the third week and the axis of the monsoon trough lying close to the foot of the Himalayas, a spell of heavy rains occurred in the Western Himalayas. A number of rivers in the Punjab (I) were reported to have risen in spate due to the heavy rains. According to press reports, 40 people were feared to have been killed and a few buildings and vehicles swept away by a fierce cloudburst at Pahalgam on the evening of 20th.

Most parts of northeast India continued to get good rainfall. The activity increased during the third week when an upper air trough moved from Uttar Pradesh to Assam. The continuous heavy rains in the area was reported to have caused serious floods in Assam, Sub-Himalayan West Bengal and Bihar Plains.

Under the influence of the two low pressure areas moving successively westwards from the Bay of Bengal, the rainfall activity revived over the Peninsula during the last week and the monsoon was also generally active over the country towards the end of the month. According to press reports, many parts of Rajasthan and Gujarat States which had been hit by drought saw the end of the dry spell towards the close of the month. In Assam, West Bengal and Bihar States the flood situation continued to be serious and even deteriorated in some parts, due to persistent heavy rains.

The month's rainfall was in large excess in Rayalaseema, in moderate excess in the Madras State and the Arabian Sea Islands, in slight excess in east Uttar Pradesh, east Rajasthan, the Konkan, Madhya Maharashtra and Marathwada and normal in Assam, West Bengal, Bihar States, Gujarat Region, Telangana and Kerala. It was in slight defect in the Bay Islands, Orissa, west Uttar Pradesh, west Madhya Pradesh, coastal Andhra Pradesh, coastal and south Interior Mysore, in moderate defect in the Punjab (I), Jammu and Kashmir, east Madhya Pradesh, Saurashtra and Kutch, Vidarbha and north Interior Mysore and in large defect over the rest of the country outside Himachal Pradesh for which area the data are incomplete.

June and July—The monsoon set in about the normal date and established itself over the entire country by the 17th July. It was fairly active over the Peninsula during June except for about a week in the middle of the month. Strong monsoon conditions also prevailed in northeast India leading to serious floods in Assam. After a short break in the last week of June, the heavy rains continued in northeast India almost throughout July causing another wave of floods in Assam and the floods also affected West Bengal and Bihar States. Increased monsoon activity in the early part of July over the Peninsula and Gujarat State and the consequent heavy rains led to serious damage and loss of life in the Konkan and Gujarat State. The monsoon was feeble during the period 11th to 25th over most parts of the country outside northeast India. Drought conditions were reported to have prevailed in many parts of Rajasthan and Gujarat States, but with the general strengthening of the monsoon over the country during the last week, the threat of scarcity and famine in those States receded.

The rainfall during the months of June and July was in moderate excess in Marathwada and the Madras State, in slight excess in the Konkan, Madhya Maharashtra and Rayalaseema and normal in Assam, West Bengal, Bihar Plains, east Uttar Pradesh, east Rajasthan, coastal Andhra Pradesh, Telangana and the Arabian Sea Islands. It was in slight defect in the Bay Islands, Orissa, Bihar Plateau, west Uttar Pradesh, Jammu and Kashmir, west Madhya Pradesh, Gujarat Region, the Mysore State and Kerala and in moderate defect in the Punjab (I), east Madhya Pradesh, Saurashtra and Kutch and Vidarbha and in large defect over the rest of the country outside Himachal Pradesh for which area the data are incomplete.

The following table gives for each sub-division the total rainfall during the period, its departure from normal and the percentage departure from normal :—

Sl. No.	Sub-division	Period June and July		
		Actual	Departure from normal	Percentage departure from normal
1	2	3	4	5
		mm.	mm.	
1.	Bay Islands	757·4	—187·0	—20
2.	Assam (Including Manipur and Tripura)	846·8	+ 49·3	+ 6
3.	Sub-Himalayan West Bengal	1093·7	—127·4	—10
4.	Gangetic West Bengal	585·8	+ 5·9	+ 1
5.	Orissa	461·5	— 87·7	—16
6.	Bihar Plateau	483·6	— 67·6	—12
7.	Bihar Plains	484·6	— 17·2	— 3
8.	Uttar Pradesh, East	446·0	+ 9·2	+ 2
9.	Uttar Pradesh, West	351·1	— 73·0	—17
10.	Punjab (I) (Including Delhi)	184·3	— 66·6	—27
11.	Himachal Pradesh	—	—	—
12.	Jammu and Kashmir	127·9	— 40·4	—24
13.	Rajasthan, West	27·4	— 90·0	—77
14.	Rajasthan, East	278·0	+ 10·7	+ 4
15.	Madhya Pradesh, West	389·6	— 96·9	—20
16.	Madhya Pradesh, East	366·0	—246·0	—40
17.	Gujarat Region	369·6	— 94·6	—20
18.	Saurashtra and Kutch	170·5	—127·2	—43
19.	Konkan	1480·4	+159·8	+12
20.	Madhya Maharashtra	292·2	+ 42·9	+17
21.	Marathwada	411·9	+ 94·3	+30
22.	Vidarbha	359·2	—142·8	—28
23.	Coastal Andhra Pradesh	218·2	— 6·5	— 3
24.	Telangana	372·4	+ 21·0	+ 6
25.	Rayalaseema	191·1	+ 38·3	+25
26.	Madras State	123·6	+ 25·6	+26
27.	Coastal Mysore	1665·4	—346·4	—17
28.	Interior Mysore, North	202·6	— 29·5	—13
29.	Interior Mysore, South	128·7	— 27·5	—18
30.	Kerala	965·6	—205·2	—18
31.	Arabian Sea Islands	477·8	— 41·8	— 8

2. CONDITIONS HAVING INFLUENCE ON THE RAINS OF AUGUST AND SEPTEMBER 1963.

A foreshadowing of the monsoon rainfall of June to September was issued early in June. Recent data have been examined to see if any useful supplementary foreshadowing for the remainder of the season can now be given. The relevant data are the following :—

Indian Pressure in July—In July pressure was slightly below normal practically over the entire country.

Indian Ocean Pressure in July—At Mauritius, pressure was in excess of normal by 1.5 mb.

Java Rain—The monthly rainfall departures from October 1962 to February 1963 were +9%, —10%, +8%, +24% and +12% respectively.

South Rhodesia Rain—Rainfall from October 1962 to April 1963 was in excess by 87.1 mm.

South American Pressure—Pressure departures were as follows :—

	Buenos Aires	Cordoba	Santiago
June 1963	—1·7 mb.	—0·3 mb.	+1·1 mb.
July 1963	—2·8 mb.	—2·0 mb.	—0·1 mb.

Punjab Temperature Range—Departure of the Punjab Temperature Range ½ (April+May) 1963 was —1.0°C.

Indo-Gangetic River Discharges—Mean departure of the total river discharges during April and May 1963 was in defect by 19 (10,000 cusecs).

3. INFERENCES FROM THE DATA

In foreshadowing the August and September rainfall in the Peninsula [taken to consist of Maharashtra, Gujarat, Madhya Pradesh, Interior Mysore North, Telangana and coastal Mysore (excluding South Kanara)], the chief factors in the order of decreasing reliability as judged from the available data are Mauritius pressure, Java rain, South Rhodesia rain and Indian pressure. Of the factors, Indian pressure and South Rhodesia rain were both indifferent, Java rain slightly unfavourable and Mauritius pressure very unfavourable. The statistical analysis indicates that there is a four-to-one chance that the total rainfall of August and September 1963 in the Peninsula will be below 107% of the normal.

For Northwest India [taken to consist of the Uttar Pradesh, the Punjab (I), Himachal Pradesh, Delhi and Rajasthan], the factors used in the order of decreasing reliability, as judged by the available data are Indo-Gangetic river discharges, Indian pressure, Punjab temperature range, South Rhodesia rain and South American pressure. This year Punjab temperature range is very favourable, Indian pressure moderately favourable, Indo-Gangetic River Discharges indiffcrent, South Rhodesia rain moderately unfavourable and South American pressure very unfavourable. The statistical analysis indicates that there is a four-to-one chance that the total rainfall of August and September 1963 in Northwest India will be above 84% of the normal.

4. SUMMARY

The total rainfall of August and September 1963 is likely to be normal both in Peninsula and Northwest India.

New Delhi,
the 10th August 1963

P. R. KRISHNA RAO
Director General of Observatories

New Delhi, the 31st July 1963

No. E(1)03645—The Director General of Observatories hereby appoints Shri S. D. Nigudkar, Officiating Professional Assistant, as Assistant Meteorologist, in the Indian Meteorological Service, Class II (Central Services, Class II), in an officiating capacity with effect from the forenoon of the 15th April 1963 and until further orders. Shri Nigudkar is allowed to remain on deputation with the Central Emergency Relief Training Institute (Ministry of Home Affairs), Nagpur.

P. K. SEN GUPTA
Dy. Director General of Observatories (Administration)
for *Director General of Observatories*

Department of Lighthouses & Lightships

New Delhi, the 31st July 1963

No. 7/9/61-*Admn.*—Shri K. V. Mohan Rao handed over charge of the post of Executive Engineer (Civil) at Okhla on the 11th July, 1963 (Afternoon) and assumed charge of the post of Resident Engineer at Calcutta on the 22nd July 1963 (Forenoon).

M. L. CHOPRA
Administrative Officer
for *Director General*

Directorate General of Shipping

Bombay-1, the 2nd August 1963

No. 136-SH(4)/60—On transfer from the Mercantile Marine Department, Bombay, Shri P. S. Barve assumed charge of the post of Nautical Surveyor in the Mercantile Marine Department, Marmugao with effect from the 25th July 1963 (afternoon).

T. K. SARANGAN
Dy. Director General of Shipping
for *Sr. Dy. Director General of Shipping*

FOREST RESEARCH INSTITUTE & COLLEGES

NOTIFICATION

Dehra Dun, the 2nd August 1963

No. Dis/63-*Ests*-16(91)—Shri A. C. Vig, Assistant Accounts Officer of the Office of the Accountant General, Punjab, is appointed to officiate as Accounts Officer, Forest Research Institute & Colleges, Dehra Dun with effect from the forenoon of 27th July 1963.

K. P. SAGREIYA
President
Forest Research Institute & Colleges

COLLECTORATE OF CUSTOMS AND CENTRAL EXCISE

NOTIFICATIONS

Calcutta, the 9th August 1963

No. 36—On being relieved from Calcutta and Orissa Collectorate on the afternoon dated the 22nd July 1963, Shri D. C. Chakraborty, Superintendent of Central Excise, took over charge as Superintendent of Central Excise and Customs, Bongaon Circle, on the afternoon of the 27th July 1963 *vice* Shri A. R. Das, Superintendent, transferred to Calcutta and Orissa Collectorate.

M. C. DAS
Collector of Customs & Central Excise

Cochin-3, the 26th July 1963

No. 1/63—Shri D. Ramachandran, officiating Senior Grade Examiner at the Madras Custom House had been promoted and posted as Appraiser in the Cochin Custom House in an officiating capacity with effect from 15th July 1963 F.N. and until further orders.

M. RAMACHANDRAN
Collector of Customs & Central Excise

OFFICE OF THE COLLECTORATE OF CUSTOMS

NOTIFICATION

Calcutta, the 31st July 1963

No. 66/63—Shri P. N. Banerjee, Supdt. Custom House, Calcutta has been appointed to officiate as a Chief Accounts Officer, Calcutta Customs, with effect from 25th July 1963 (Afternoon) and until further orders.

S. K. SRIVASTAVA
Collector of Customs

CENTRAL PUBLIC WORKS DEPARTMENT

Office of the Superintending Engineer, Aviation Construction Circle No. II

NOTIFICATION

Patna, the 6th August 1963

No. 15(2)/63/*EE*/*PF*/2830-33—Shri G. N. Chakrabortty (Officiating) Executive Engineer, Aviation Construction Division, C.P.W.D., Panagarh is hereby granted Earned Leave for 31 days with effect from 8-7-63 to 7-8-63.

A. K. DAS
Superintending Engineer

OVERSEAS COMMUNICATIONS SERVICE

NOTIFICATIONS

Bombay, the 30th July 1963

No. 1/82/63-*Est.*—Shri P. E. V. Noronha, Permanent Chief Mechanician, C.T.O., Bombay, has been permitted to voluntarily retire from service with effect from the forenoon of the 29th July 1963.

The 5th August 1963

No. 1/87/63-*Est.*—Shri A. R. Tirumalai, Permanent Supervisor, Madras has been invalided from service with effect from the afternoon of the 26th July 1963.

P. J. RODGERS
Director General

OFFICE OF THE COMMISSIONER OF INCOME-TAX

NOTIFICATIONS

Bombay, the 30th July 1963

No. 471—On return from leave Shri J. Y. Kadrekar, is posted as 5th Income-tax Officer B.S.D. (West) Bombay with effect from the forenoon of 17th July 1963 *vice* Shri G. G. Sawadikar, transferred.

No. 472—On his transfer to Bombay Shri K. J. Reddy I.R.S. is posted as 7th Income-tax Officer C-Ward Section IV, Bombay with effect from the forenoon of 24th July 1963.

R. N. JAIN
Commissioner of Income-tax
Bombay City-II

The 30th July 1963

No. 474—Shri G. G. Savadikar 5th Income-tax Officer, Bombay, Suburban District (West) Bombay is posted as 7th Income-tax Officer, A-Ward Section V, Bombay with effect from the forenoon of 17th July 1963.

No. 475—Shri S. A. Joshi is posted as 3rd Income-tax Officer, C-Ward Section II, Bombay with effect from the forenoon of 22nd July 1963 *vice* Shri D. R. Karkhanis, I.R.S.

No. 476—On relief, Shri D. R. Karkhanis, I.R.S. is posted as 7th Inctome-tax Officer, A-Ward Section IV, Bombay with effect from the forenoon of 22nd July 1963 *vice* Shri S. A. Joshi.

The 2nd August 1963

No. 477—On his return from leave, Shri Raghunath, I.R.S. is posted as 2nd Income-tax Officer, A-Ward Section I, Bombay with effect from the forenoon of 29th July 1963.

The 5th August 1963

No. 478—On return from leave Shri L. K. Franklin, I.R.S. is re-posted as 6th Income-tax Officer, A-Ward Section IV, Bombay with effect from the forenoon of 1st August, 1963.

S. A. L. NARAYANA ROW
Commissioner of Income-tax
Bombay City I

Lucknow, the 3rd August 1963

In exercise of the powers conferred by Sub-section (i) of Section 124 of the Income-tax Act, 1961 (No. 43 of 1961), the Commissioner of Income-tax, U.P., Lucknow hereby directs that a Circle known as "Special Investigation Circle, Lucknow" shall be created at Lucknow with immediate effect and the Income-tax Officer appointed to hold charge of this Circle shall perform the functions of an Incometax Officer in respect of cases assigned to him from time to time under Section 127 of Incometax Act, 1961 or under any other powers enabling the Commissioner of Incometax, U.P., Lucknow in this behalf.

A. L. JHA
Commissioner of Incometax
U.P., Lucknow

ORDER

Hyderabad, the 7th August 1963

No. 355—Shri P. L. V. Ramaniah, Inspector of Income-tax, Incometax Office, Warangal, is promoted to officiate as Incometax Officer, Class II, in a temporary capacity with immediate effect.

He is warned that he will be liable to reversion at any time, if after review of the vacancies, it is found that his appointment is in excess of the vacancies available in this Charge for promotees and direct recruits become available for replacing them.

Notification under Section 117(2) of the Incometax Act, 1961 will issue separately.

H. A. SHAH
Commissioner of Incometax
Hyderabad

CORRIGENDUM

Bombay, the 29th July 1963

No. 473—*Substitute* "29th June 1963" *for* 29th July 1963 appearing on the 2nd line of this office notification No. 428, dated 6th July 1963.

R. N. JAIN
Commissioner of Income-tax
Bombay City II

CENTRAL WATER AND POWER COMMISSION

(Water Wing)

NOTIFICATIONS

The 31st July 1963

No. 14/356/63-*Adm.V.*(*i*)—Consequent upon his nomination by the Union Public Service Commission, the Chairman, Central Water and Power Commission, hereby appoints Shri S. S. Narang as Extra Assistant Director (Civil) in the scale of Rs. 350—25—500—30—800—EB—30—830—35—900 in the Central Water and Power Commission with effect from the afternoon of 15th July 1963. Shri Narang took over charge of his office on 15th July, 1963 afternoon.

New Delhi, the 30th July 1963

No. 14/334/63-*Adm.V.*—Consequent upon his selection by the Union Public Service Commission, the Chairman, Central Water and Power Commission hereby appoints Shri P. B. Parabrahmam to officiate as an Extra Assistant Director (Civil) in the Central Water and Power Commission (Water Wing) in the scale of Rs. 350—25—500—30—590—EB—30—800—30—830—35—900 with effect from the forenoon of 22nd July 1963. He took over charge of the office of Extra Assistant Director in the Central Water and Power Commission with effect from the same date and time.

The 2nd August 1963

No. 14/408/63-*Adm.V.*—The Chairman, Central Water and Power Commission, hereby appoints Shri R. G. Kalvekar to officiate as an Extra Assistant Director in the Central Water and Power Commission in the scale of Rs. 350—25—500—30—590—EB—30—800—EB—30—830—35—900 with effect from the forenoon of 11th July 1963 until further orders.

No. 14/408/63-*Adm.V.*—Consequent upon his appointment, Shri R. G. Kalvekar took over charge of the office of Extra Assistant Director in the Central Water and Power Commission with effect from the forenoon of 11th July 1963.

The 3rd August 1963

No. 14/332/62-*Adm.V.*—Consequent upon his selection by the Union Public Service Commission, the Chairman, Central Water and Power Commission, hereby appoints Shri M. R. Gadre to officiate as an Extra Assistant Director (Civil), on regular basis, in the Central Water and Power Commission (Water Wing) in the scale of Rs. 350—25—500—30—590—EB—30—800—EB—30—830—35—900 with effect from the forenoon of the 8th July 1963 with his headquarters at Poona. Shri Gadre took over the charge of the post of Extra Assistant Director with effect from the same date and time with headquarters at Poona.

The 6th August 1963

No. 14/115/62-*Adm.V*—Consequent upon his selection to the post of Assistant Executive Engineer (Civil) in the Border Road Development Board, Ministry of Transport and Communications, Shri B. Sreenivasachar relinquished charge of the post of Extra Assistant Director in the Central Water and Power Commission (Water Wing) with effect from the afternoon of 27th July 1963.

The 8th August 1963

No. 14/385/63-*Adm.V.*—Consequent upon his selection as Assistant Engineer in the Indian Oil Company, Shri S. K. Suresh relinquished charge of the office of Extra Assistant Director in the Central Water and Power Commission (Water Wing) with effect from the forenoon of 12th July 1963.

No. 14/406/63-*Adm.V*(*i*)—The Chairman, Central Water and Power Commission, hereby appoints Shri S. D. Chopra to officiate as Assistant Meteorologist in the Central Water & Power Commission in the scale of Rs. 350—25—500—30—590—EB—30—800—EB—30—830—35—900 with effect from 17th June 1963 (F.N.) until further orders.

No. 14/406/63-*Adm.V*(*ii*)—Consequent upon his appointment, Shri S. D. Chopra took over charge of the office of Assistant Meteorologist in the Central Water & Power Commission with effect from the 17th June 1963 (F.N.).

P. S. VISVANATHAN
Administrative Officer
Central Water & Power Commission

(Power Wing)

Simla-4, *the* 14*th August* 1963

No. 1/32/63-*ADM.II*—Following the recommendations of the Union Public Service Commission, the Chairman, Central Water & Power Commission, hereby appoints Shri Chayanam Venkataratnam Sarma as officiating Extra Assistant Director in the Central Water and Power Commission (Power Wing) with effect from the forenoon of the 1st August, 1963, until further orders.

No. 1/50/63-*ADM.II*—Following the recommendations of the Union Public Service Commission, the Chairman, Central Water & Power Commission, hereby appoints Shri Ram Swaroop Yadava as officiating Extra Assistant Director in the Central Water and Power Commission (Power Wing) with effect from the forenoon of the 6th August, 1963.

The 16*th August* 1963

No. 1/10/63-*ADM. II*—Following the recommendations of the Union Public Service Commission, the Chairman, Central Water and Power Commission hereby appoints Shri Mahendra Nath Goel, a permanent Assistant Electrical Inspector in the Uttar Pradesh Government, as officiating Extra Assistant Director in the Central Water and Power Commission (Power Wing) with effect from the forenoon of the 20th July 1963, until further orders.

No. 1/139/63-*ADM. II*—Following the recommendations of the Union Public Service Commission, the Chairman, Central Water and Power Commission, hereby appoints Shri Krishnamurthy Gurumurthy as officiating Extra Assistant Director in the Central Water and Power Commission (Power Wing) with effect from the forenoon of the 8th July 1963, until further orders.

J. K. SAHA
Section Officer
for *Chairman*

INDIAN RAILWAYS

Chittaranjan Locomotive Works

NOTIFICATION

Burdwan, the 30*th July* 1963

No. GMA/GS/8(3)—Shri B. B. Chatterjee, officiating Assistant Accounts Officer is confirmed as Assistant Accounts Officer in the Class II service in the cadre of Accounts Department of the Chittaranjan Locomotive Works, Chittaranjan with effect from 1st June, 1962.

R. KRISHNASWAMY
General Manager

Integral Coach Factory, Perambur

NOTIFICATION

Madras-23, 2*nd August* 1963

No. PB/GG/9/Misc.—Shri S. Narayanaswami, Officiating Assistant Controller of Stores (Class II) is reverted to Class III service with effect from 27th July, 1963.

T. D. JAYARAM
for *General Manager* (P)

EASTERN RAILWAY

NOTIFICATION

Calcutta, the 8*th August* 1963

*No. AC.*190/*T&C/Pt. I*—The following officiating Class II officers of Transportation (Traffic) and Commercial Department are confirmed in Class II service of that Department with effect from the dates noted against each :—

Name of officers	Date of confirmation in Class II
1. Sri H. C. Khanna	31-12-62
2. Sri M. R. Roy	31-12-62

M. M. KHAN
General Manager

NORTHERN RAILWAY

NOTIFICATION

New Delhi, the 31*st July* 1963

No. 59—Dr. R. S. Lakhtakia, a subordinate of Medical Department, Northern Railway, has been appointed to officiate in Class II service in that Department with effect from 26th July 1963 F.N.

G. P. BHALLA
General Manager

CENTRAL RAILWAY

NOTIFICATION

BB VT, the 2*nd August* 1963

*No. HPB/GAZ/*60—Shri D. V. Vadhavkar, Assistant Personnel Officer (Junior Scale) officiated as Personnel Officer (Senior Scale) from 26th April, 1963 to 10th June, 1963.

Shri G. A. Karve, Electrical Foreman has been appointed to officiate as Assistant Traction Engineer (Class II) from 25th June, 1963.

Bombay, the 8*th August* 1963

No. 22462-*R/N*—Shri S. M. Banerjee officiating Assistant Signal and Telecommunication Engineer (Class II) is confirmed in that appointment with effect from 29th January 1963.

RATAN LALL
General Manager

SOUTHERN RAILWAY

NOTIFICATION

Madras-3, *the* 31*st July* 1963

No. P(*G*)313/*III*—1. Shri K. B. Kumar, Asstt. Engineer (Junior Scale), has been promoted to officiate as Bridge Engineer (Senior Scale) with effect from 26th June, 1963 (A.N.).

2. Shri M. Ponnan Menon, Asst. Engineer (Junior Scale), has been promoted to officiate as Divisional Engineer (Senior Scale) with effect from 28th June, 1963.

3. Shri V. Jalpesan, Office Superintendent (Class III), has been promoted to officiate as Budget Officer (Class II) with effect from 26th June, 1963 (A.N.).

4. Shri S. R. Balasubramanian, Asst. Electrical Foreman (Class III), has been promoted to officiate as Asst. Electrical Engineer (Class II) with effect from 10th April, 1963.

5. Shri P. Gopalkrishnan, Electrical Foreman (Class III), has been promoted to officiate as Asst. Electrical Engineer (Class II) with effect from 11th April, 1963.

6. Shri H. J. Taylor, Station Master (Class III), has been promoted to officiate as Asst. Commercial Superintendent (Class II) with effect from 9th April, 1963.

7. Shri M. A. Rauf, Asst. Operating Superintendent (Junior Scale), has been promoted to officiate as Divisional Safety Officer (Senior Scale) with effect from 1st July, 1963.

8. Shri R. Jagannatha Iyengar, Office Superintendent (Class III), has been promoted to officiate as Asst. Controller of Stores (Class II) with effect from 10th June, 1963.

9. Shri K. Nagaraja Rao, Officiating Divisional Mechanical Engineer (Senior Scale), has been reverted as Temporary Asst. Mechanical Engineer with effect from 26th June, 1963.

H. D. SINGH
General Manager

SOUTH EASTERN RAILWAY

NOTIFICATIONS

Garden Reach, the 26th July 1963

No. Con/Signal/Gaz/19474—The following junior scale Officers of the Signal Engineering Department are confirmed in the senior scale of that department on this Railway with effect from the dates noted against each.

Name	*Date of confirmation Final*
1. Sri S. R. Power	18-9-62
2. " G. E. Robinson.	18-9-63

Calcutta-43, the 6th August 1963

No. GAZ/Conf/Admn.Branch/20394—Shri H. N. Roy, Probationery Law Officer, Junior Scale/Class I is confirmed in that appointment in Junior Scale/Class I with effect from 13th February 1963 and allotted to T(T) & C. Department.

The 7th August 1963

No. GAZ/A/212/20517—Shri S. Chattopadhyay, I.R.A.S. Probationer on successful completion of his training is posted against a working post as Junior Accounts Officer in the Headquarter's Office with effect from the forenoon of 1st July 1963.

G. D. KHANDELWAL
General Manager

OFFICE OF THE REGISTRAR OF COMPANIES

NOTIFICATIONS

Madras-34, the 3rd August 1963

In the matter of the Companies Act, 1956 and of Meenakshi Sundaram Roadways Private Limited

No. DN/4146/63—Notice is hereby given pursuant to sub-section (5) of section 560 of the Companies Act, 1956 that the name of "Meenakshi Sundaram Roadways Private Limited" has this day been struck off the register and the said company is dissolved.

K. RAJAGOPALAN
Assistant Registrar of Companies

Madras-34, the 3rd August 1963

In the matter of the Companies Act, 1956 and of Superfine Mica Products Private Limited

No. DN/3755/63—Notice is hereby given pursuant to sub-section (5) of section 560 of the Companies Act, 1956 that the name of "Superfine Mica Products Private Limited" has this day been struck off the register and the said company is dissolved.

K. RAJAGOPALAN
Assistant Registrar of Companies

Madras-34, the 3rd August 1963

In the matter of the Companies Act, 1956 and of Srivilliputhur Trust Fund Private Limited

No. DN/2668/63—Notice is hereby given pursuant to sub-section (5) of section 560 of the Companies Act, 1956 that the name of "Srivilliputhur Trust Fund Private Limited" has this day been struck off the register and the said company is dissolved.

K. RAJAGOPALAN
Assistant Registrar of Companies

Madras-34, the 3rd August 1963

In the matter of the Companies Act, 1956 and of Nadhura & Company Private Limited

No. DN/3570/63—Notice is hereby given pursuant to sub-section (5) of section 560 of the Companies Act, 1956 that the name of "Nadhura & Company Private Limited" has this day been struck off the register and the said company is dissolved.

K. RAJAGOPALAN
Assistant Registrar of Companies

Madras-34, the 3rd August 1963

In the matter of the Companies Act, 1956 and of The Kesari Soaps and Candle Works Limited

No. DN/1242/63—Notice is hereby given pursuant to sub-section (5) of section 560 of the Companies Act, 1956 that the name of "The Kesari Soaps and Candle Works Limited" has this day been struck off the register and the said company is dissolved.

L. D. VENKATARAMAN
Assistant Registrar of Companies

Madras-34, the 3rd August 1963

In the matter of the Companies Act, 1956 and of Ex-Mittadars Bus Service Private Limited

No. DN/3712/63—Notice is hereby given pursuant to sub-section (5) of section 560 of the Companies Act, 1956 that the name of "Ex-Mittadars Bus Service Private Limited" has this day been struck off the register and the said company is dissolved.

K. RAJAGOPALAN
Assistant Registrar of Companies

Madras-34, the 3rd August 1963

In the matter of the Companies Act, 1956 and of Sri Solai Transport Private Limited

No. DN/4288/63—Notice is hereby given pursuant to sub-section (5) of section 560 of the Companies Act, 1956 that the name of "Ex-Mittadars Bus Service Private Limited" has this day been struck off the register and the said company is dissolved.

K. RAJAGOPALAN
Assistant Registrar of Companies

Madras-34, the 3rd August 1963

In the matter of the Companies Act, 1956 and of Nalanda Pictures Private Limited

No. DN/4210/63—Notice is hereby given pursuant to sub-section (5) of section 560 of the Companies Act, 1956 that the name of "Nalanda Pictures Private Limited" has this day been struck off the register and the said company is dissolved.

K. RAJAGOPALAN
Assistant Registrar of Companies

Ernakulam, the 27th July 1963

In the matter of the Companies Act, 1956 and of Ninan Varghese and Company Private Limited, Mavelikara

No. 798/TC(6)-13396/63—Notice is hereby given pursuant to sub-section (3) of section 560 of the Companies Act, 1956, that at the expiration of three months from the date, hereof the name of the Ninan Varghese and Company Private Limited, unless cause is shown to the contrary, will be struck off the Register and the said company will be dissolved.

N. D. BHATIA
Registrar of Companies
Kerala

Ernakulam, the 30th July 1963

In the matter of the Companies Act, 1956 and of Chithrakeralam Private Limited, Tellicherry

No. 1719/TC(6)/13428/63—Notice is hereby given pursuant to sub-section (3) of section 560 of the Companies Act, 1956, that at the expiration of three months from the date hereof the name of the Chithrakeralam Private Limited, unless cause is shown to the contrary, will be struck off the Register and the said company will be dissolved.

N. D. BHATIA
Registrar of Companies
Kerala

Ernakulam, the 6th August 1963

In the matter of the Companies Act, 1956, *and of Sri Ram Traders Private Limited, Cochin*

No. 1627/*TC*(6)13891/63—Notice is hereby given pursuant to sub-section (3) of section 560 of the Companies Act, 1956, that at the expiration of three months from the date hereof the name of the Sri Ram Traders Private Limited, unless cause is shown to the contrary, will be struck off the Register and the said company will be dissolved.

N. D. BHATIA
Registrar of Companies
Kerala

Gujarat, the 2nd August 1963

In the matter of the Companies Act, 1956 *and of M/s. Shah Finance Private Limited*

No. 872/560—Notice is hereby given pursuant to sub-section (5) of section 560 of the Companies Act, 1956, that the name of Shah Finance Private Limited has this day been struck off the Register and the said company is dissolved.

M. A. RASHEED
Registrar of Companies
Gujarat

Bombay, the 13th August 1963

In the matter of the Companies Act, 1956 *and of The Kolhapur Ajara Motor Service Private Limited*

No. 7273/560—Notice is hereby given pursuant to sub-section (5) of section 560 of the Companies Act, 1956 that the name of Kolhapur Ajara Motor Service Private Limited has this day been struck off the Register and the said company is dissolved.

K. K. SYED MUHAMMAD
Addl. Registrar of Companies
Maharashtra, Bombay

Jullundur City, the 8th August 1963

In the matter of the Companies Act, 1956 *and of The Talkies Corporation Private Limited*

No. TS-1001/12064—Notice is hereby given pursuant to sub-section (5) of section 560 of the Companies Act, 1956, that the name of Talkies Corporation Private Limited has this day been struck off the Register and the said company is dissolved.

S. KRISHNAMURTHY
Registrar of Companies
Punjab & Himachal Pradesh
Link Road, Model Town, Jullundur City

UNION PUBLIC SERVICE COMMISSION

NOTICE

New Delhi, the 24th August 1963

*No. F.*31/1/60-*EI*(*B*)—The Union Public Service Commission will hold a combined competitive examination commencing on 21st January, 1964, at Bombay, Calcutta, Delhi and Madras, for recruitment to posts of :—

(i) Geologist (Junior), Class I, and
(ii) Assistant Geologist, Class II, in the Geological Survey of India.

The centres are liable to be changed at the discretion of the Commission. Candidates accepted for admission to the examination will be informed at what place, at what time, and on what dates they should present themselves.

2. The approximate number of vacancies to be filled on the results of the examination is as follows :—

(i) Geologist (Junior), Class I—107
(ii) Assistant Geologist, Class II—75

The above numbers are liable to alteration.

Appointments will be made on a temporary basis in the first instance. The candidates will be eligible for permanent appointment in their turn as and when permanent vacancies become available.

Appointments to these vacancies will be made with due regard to the orders regarding special representation for Scheduled Castes and Scheduled Tribes candidates.

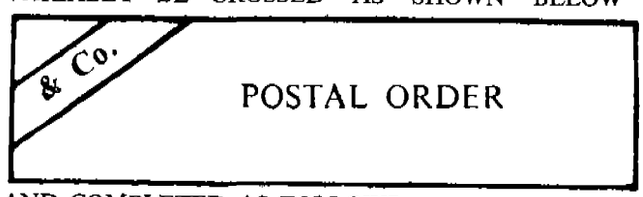
Scheduled Castes/Tribes mean any of the Castes/Tribes mentioned in the Scheduled Castes/Tribes Lists (Modification) Order, 1956, read with Scheduled Castes and Scheduled Tribes Orders (Amendment) Act, 1956, the Constitution (Jammu and Kashmir) Scheduled Castes Order, 1956, the Constitution (Andaman & Nicobar Islands) Scheduled Tribes Order, 1959, the Constitution (Dadra and Nagar Haveli) Scheduled Castes Order, 1962, and the Constitution (Dadra and Nagar Haveli) Scheduled Tribes Order, 1962.

3. A candidate seeking admission to the examination must apply to the Secretary, Union Public Service Commission, Dholpur House, D.H.Q.-P.O., New Delhi-11, on the prescribed form of application, which must reach the Commission on or before 21st October, 1963, with the necessary documents in accordance with the instructions contained in the Annexure. No application received after that date will be considered.

Applications from candidates residing abroad and those residing in Andaman and Nicobar Islands will, however, be accepted up to 4th November, 1963, as a special case. (This is applicable to persons actually residing abroad or in Andaman and Nicobar Islands at the time of submitting their applications.)

4. Copies of application forms and full particulars are obtainable from the Secretary, Union Public Service Commission, Dholpur House, D.H.Q.-P.O., New Delhi-11, on payment of a fee of Re. 1.00 nP. which should be remitted to the Commission by Money Order stating the name of examination in respect of which the application forms are required. This amount will be refunded to those candidates whose claim to be displaced persons from Pakistan is accepted by the Commission on receipt of their applications.

THE REMAINING FEE (SEE APPENDIX II) SHOULD BE PAID EITHER BY TREASURY RECEIPT OR BY INDIAN POSTAL ORDERS WITH THE APPLICATION. EACH POSTAL ORDER SHOULD INVARIABLY BE CROSSED AS SHOWN BELOW



AND COMPLETED AS FOLLOWS :

"PAY TO THE SECRETARY, UNION PUBLIC SERVICE COMMISSION AT NEW DELHI POST OFFICE—CROSSED."

CANDIDATES MUST NOTE THAT IT IS NOT SAFE TO SEND POSTAL ORDERS WHICH ARE NEITHER CROSSED NOR MADE PAYABLE TO THE SECRETARY, UNION PUBLIC SERVICE COMMISSION AT NEW DELHI POST OFFICE. FULL PARTICULARS OF THE TREASURY RECEIPT OR POSTAL ORDERS, AS THE CASE MAY BE, SHOULD BE ENTERED AGAINST COLUMN 28 OF THE APPLICATION FORM.

NOTE.—A CANDIDATE MAY APPLY FOR APPOINTMENT TO ONE OR BOTH THE ABOVE POSTS. HE WILL BE CONSIDERED ONLY FOR THE POST(S) HE APPLIES FOR.

If he wishes to be admitted as a candidate for both the posts, he need send in only one application. He will be required to pay the fees mentioned in the Rules once only and will not be required to pay separate fees for each post for which he applies.

5. No allegation that an application form or a letter in respect of such a form has been lost or delayed in post will be considered, unless the person making such an allegation produces a post office registration receipt. Candidates who send their applications or request for forms at a late date will do so at their own risk.

6. All communications in respect of an application should be addressed to the Secretary, Union Public Service Commission, Dholpur House, D.H.Q.-P.O., New Delhi-11, and should contain the following particulars :—

(i) Name of examination.
(ii) Month and year of examination.
(iii) Roll Number (If communicated to the candidate).

(iv) Name of the candidate.

(v) Address as given in the application.

Communications not giving these particulars may not be attended to. In all correspondence with the Union Public Service Commission concerning this examination, candidates should invariably superscribe their envelopes and correspondence with the words "Geologists' Examination, January, 1964".

7. A candidate must be either—

(i) a citizen of India, or

(ii) a subject of Sikkim, or

(iii) a person of Indian origin who has migrated from Pakistan with the intention of permanently settling in India;

Provided that, subject to the issue of a certificate of eligibility in his favour, a subject of Nepal, or a subject of Bhutan or a Tibetan refugee who came over to India before the 1st January, 1962 with the intention of permanently settling in India may also be appointed.

Provided further that a candidate belonging to category (iii) above must be a person in whose favour a certificate of eligibility has been given by the Government of India, and that the certificate of eligibility will be valid only for a period of one year from the date of his appointment beyond which he can be retained in service only if he has become a citizen of India. Certificate of eligibility will not, however, be necessary in the case of a candidate belonging to any one of the following categories :—

(a) Persons who migrated to India from Pakistan before the 19th July, 1948, and have ordinarily been residing in India since then.

(b) Persons who migrated to India from Pakistan after the 18th July, 1948, and have got themselves registered as citizens under Article 6 of the Constitution.

(c) Non-citizens of category (iii) above who entered service under the Government of India, before the commencement of the Constitution, *viz.*, 26th January, 1950, and who have continued in such service since then. Any such person who re-entered or may re-enter such service with break after the 26th January, 1950, will, however, require certificate of eligibility in the usual way.

Note.—A candidate in whose case a certificate of eligibility is necessary may be admitted in the examination and he may also be provisionally appointed subject to the necessary certificate being eventually issued in his favour by Government.

8. (a) No male candidate who has more than one wife living or who having a spouse living, marries in any case in which such marriage is void by reason of its taking place during the life-time of such spouse, shall be eligible for appointment to any of the posts, appointments to which are made on the results of this competitive examination, unless the Government of India, after being satisfied that there are special grounds for doing so, exempt any male candidate from the operation of this rule.

(b) No female candidate whose marriage is void by reason of the husband having a wife living at the time of such marriage or who has married a person who has a wife living at the time of such marriage shall be eligible for appointment to any of the posts, appointments to which are made on the results of this competitive examination, unless the Government of India, after being satisfied that there are special grounds for doing so, exempt any female candidate from the operation of this rule.

9. No candidate who does not belong to a Scheduled Caste or a Scheduled Tribe or is not a resident of the former French Settlements or is not a resident of Andaman and Nicobar Islands or is not a repatriate from Ceylon or is not a resident of the former Portuguese Territories of Goa, Daman and Diu shall be permitted to compete more than four times at the examination.

Note 1.—For the purpose of this rule, a candidate shall be deemed to have competed at the examination once for both the posts covered by the examination, if he competes for any one of the posts.

Note 2.—A candidate shall be deemed to have competed at the examination if he actually appears in any one or more subjects.

10. A candidate for this examination must have attained the age of 21 years and must not have attained the age of 35 years on 1st January, 1964, *i.e.*, he must have been born not earlier than 2nd January, 1929 and not later than 1st January, 1943.

Note 1.—The upper age-limit prescribed above will be relaxable :—

(i) Up to a maximum of five years if a candidate belongs to a Scheduled Caste or a Scheduled Tribe,

(ii) Up to a maximum of three years if a candidate is a *bona fide* displaced person from Pakistan,

(iii) Up to a maximum of eight years if a candidate belongs to a Scheduled Caste or a Scheduled Tribe and is also a *bona fide* displaced person from Pakistan,

(iv) Up to a maximum of three years if a candidate is a resident of the former French Settlements which have now become part of India and has been receiving his education through the medium of French,

(v) Up to a maximum of four years if a candidate belongs to the Andaman and Nicobar Islands,

(vi) Up to a maximum of 3 years in the case of repatriates from Ceylon who are Indian Citizens,

(vii) Up to a maximum of 3 years in the case of residents of the former Portuguese Territories of Goa, Daman and Diu.

SAVE AS PROVIDED ABOVE THE AGE-LIMITS PRESCRIBED CAN IN NO CASE BE RELAXED.

Note 2.—The age-limits 21–35 years will apply for the examination to be held in 1964 only. Thereafter, the age-limits will be 21–26 years.

11. A candidate already in Government Service, whether in a permanent or a temporary capacity, must obtain prior permission of the Head of the Department to appear for the Examination.

12. A candidate must have—

(a) M.Sc. degree in Geology or Applied Geology from a University incorporated by an Act of the Central or State Legislature in India or other educational Institutes established by an Act of Parliament; or

(b) Diploma in Geology of the Indian School of Mines and Applied Geology, Dhanbad.

Note 1.—In exceptional cases the Commission may treat as qualified candidate, a candidate who, though he has not all or any of the qualifications prescribed in this rule, has passed examinations conducted by other Institutions of a standard which in the opinion of the Commission justifies his admission to the examination.

Note 2.—A candidate who has appeared at an examination the passing of which would render him eligible to appear at this examination, but has not been informed of the result may apply for admission to the examination. The candidate who intends to appear at such a qualifying examination may also apply, provided that the qualifying examination is completed before the commencement of this examination. Such candidates will be admitted to the examination, if otherwise eligible, but the admission would be deemed to be provisional and subject to cancellation if the candidates do not produce proof of having passed the examination, as soon as possible, and in any case not later than two months after the commencement of this examination.

13. No candidate shall be admitted to the examination unless he holds a certificate of admission from the Commission.

The decision of the Commission as to the eligibility or otherwise of a candidate for admission to the examination shall be final.

14. A candidate found guilty of impersonation or of submitting fabricated documents or documents which have been tampered with or of making statements which are incorrect or false or suppressing material information or of using or attempting to use unfair means in the examination hall or otherwise resorting to any other irregular or improper means for obtaining admission to the examination may, in addition to rendering himself liable to a criminal prosecution, be debarred either permanently or for a specified period—

(a) by the Commission from admission to any examination or appearance at any interview held by the Commission for selection of candidates; and

(b) by the Central Government from employment under the Government.

15. No recommendations except those required in the application form shall be taken into consideration. Any attempt on the part of a candidate to obtain support for

his candidature by other means may disqualify him for admission.

16. Examination under these rules shall be conducted by the Commission in the manner prescribed in the regulations which form Appendix I to these rules.

17. Candidates must pay such examination fees as are prescribed in Appendix II. No claim for a refund of the fees will be entertained except to the extent stated in that Appendix, nor can the fees be held in reserve for any other examination or selection.

18. After every examination candidates will be arranged by the Commission in order of merit as disclosed by the aggregate marks finally awarded to each candidate, and in that order so many candidates up to the number of unreserved vacancies as are found by the Commission in their discretion to be qualified by the examination and are considered by Government or the appointing authority, as the case may be, to be suitable in all other respects, shall be appointed.

Provided that any candidate belonging to the Scheduled Castes and the Scheduled Tribes who though not qualified by the standard prescribed by the Commission for any post, is declared by them to be suitable for appointment thereto with due regard to the maintenance of efficiency of administration, shall be entitled to be appointed to vacancies reserved for members of the Scheduled Castes and the Scheduled Tribes, as the case may be, in that post.

Success in the examination confers no right to an appointment unless Government are satisfied after such enquiry as may be considered necessary that the candidate is suitable in all respects for appointment to the public service.

Note.—The form and manner of communication of the result of the examination to individual candidates shall be decided by the Commission in their discretion.

19. A candidate must be in good mental and bodily health and free from any physical defect likely to interfere with the discharge of the duties of the post. A candidate who after such physical examination as Government or the appointing authority, as the case may be, may prescribe is found not to satisfy those requirements will not be appointed. Only candidates who are likely to be considered for appointment will be physically examined.

Note.—In order to prevent disappointment candidates are advised to have themselves examined by a Government Medical Officer of the standing of a Civil Surgeon before applying for admission to the examination. Particulars of the nature of the medical test to which candidates will be subjected before appointment to Gazetted posts and of the standards required are given in Appendix III.

HARISH CHANDRA
Deputy Secretary

APPENDIX I

1. The subjects of the examination, the time allowed and the maximum marks for each subject will be as follows :—

Subject	Time Allowed	Maximum Marks
A. *Compulsory*		
(i) English (including essay and precis-writing).	3 hrs.	100
[(ii) General Knowledge and Current Affairs.	2 hrs.	100
(iii) Geology I—Mineralogy, Petrology, Economic Geology, Structural Geology.	3 hrs.	150
(iv) Geology II—General Geology, Palaeontology, Stratigraphy, Sedimentology.	3 hrs.	150
B. *Optionals*		
Paper I.—Any *one* of the following: (1) Indian Stratigraphy. (2) Petrology, Igneous, Sedimentary and Metamorphic.	3 hrs.	200
Paper II.—Any *one* of the following : (1) Ore Genesis and Metallic and Non-metallic Minerals. (2) Engineering Geology and Groundwater Geology. (3) Elementary Mining Methods and recovery of metals and minerals.	3 hrs.	200
C. *Additional Optionals* (*For Class I posts only*) Any two of the following : (1) Mining Geology, Ore Beneficiation and Mineral Economics. (2) Geology of Coal and Oil. (3) Exploration Geophysics. (4) Geochemistry, Photo Geology, Nuclear Geology. (5) Tectonics. (6) Advanced Stratigraphy. (7) Advanced Palaeontology.	3 hrs. each	200 each

2. All papers must be answered in English.

3. Candidates must write the papers in their own hand. In no circumstances will they be allowed the help of a scribe to write answers for them.

4. The standard and syllabus of the examination will be as shown in the attached Schedule.

5. The Commission have discretion to fix qualifying marks in any or all the subjects of the examination.

6. From the marks assigned to candidates in each subject such deductions will be made as the Commission may consider necessary in order to secure that no credit is allowed for merely superficial knowledge.

7. Deductions up to 5 per cent of the maximum marks for the written subjects will be made for illegible handwriting.

8. Credit will be given for orderly, effective and exact expression combined with the economy of words in all subjects of the examination.

SCHEDULE TO APPENDIX I

STANDARD AND SYLLABUS

The standard of the Papers in English and General Knowledge and Current Affairs will be such as may be expected of Science graduates. The papers on Geological subjects will be approximately of the M.Sc. degree standard of Indian Universities, and questions will generally be framed to test the candidate's grasp of the fundamentals in each subject.

The standard of the Additional Optional Papers will require detailed knowledge as applicable to Geological problems.

There will be no practical examination in any of the subjects.

1. ENGLISH (Including essay and precis-writing)

Questions to test the understanding of and the power to write English. Passages will usually be set for summary or precis.

2. GENERAL KNOWLEDGE AND CURRENT AFFAIRS

General Knowledge including knowledge of current events and of such matters of everyday observation and experience in their scientific aspects as may be expected of an educated person who has not made a special study of any Scientific subject. The paper will also include questions on Indian History and Geography of a nature which candidates should be able to answer without special study.

3. GEOLOGY I

Section I

Mineralogy.—Systematic study of minerals in regard to their crystalline forms; Physical, Chemical and optical properties; their chemical composition and alteration products. General principles of optics in relation to the study of minerals under the microscope. Modes of occurrence and origin of minerals.

Section II

Petrology.—Igneous rocks and their diversity. Theories of petrogenesis—differentiation and assimilation. Mechanism of intrusion and structures. Microstructures and textures in relation to the modes of formation of igneous rocks; their classification and nomenclature and relation in space and time.

Sedimentary rocks; their origin, classification and nomenclature; their mineralogical, textural and structural characters and their petrographic interpretations.

Metamorphism; agents and kinds of metamorphism, grades and facies of metamorphism; their characteristic features, additive and metasomatic aspects of metamorphism. Metamorphic rocks and their nomenclature.

Section III

Economic Geology.—The processes of ore genesis; different classifications of mineral deposits. Mineral paragenesis and structural relations. A study of metallic ores, Fuels, Non-metallic (or industrial) minerals, rare minerals, Building and ornamental stones and road materials, and precious and semi-precious stones in regard to their origin, occurrence, distribution and uses.

Section IV

Structural Geology.—Physical properties of rocks; stress and strain ellipsoid deformation and mechanics of deformation. Lineation and criteria for recognizing tops and bottoms of beds to determine order of superposition; conformable and unconformable beds, overlap, dip, strike and outcrop, variation in outcrops with reference to dip of bed and slope of valleys.

Classification and description of folds, recognition of folds in the field, causes and mechanics of folding.

Classification and description of faults, effects of faults on outcrops. Criteria for recognition of faults, causes and mechanics of faulting.

Unconformities, inliers, outliers, nappes, windows, and criteria for their recognition. Joints, their types and significance.

Note.—Candidates may be required to answer a specified number of questions from each of the above Sections.

4. GEOLOGY II

Section I

General Geology.—The history and development of the science of geology and its different branches; the aims, methods and applications of geology. The earth; theories of the origin and evolution of the earth, of its interior and of its age.

Radioactivity and geology. Igneous action and its manifestations.

Atmosphere, Hydrosphere, Lithosphere, and their constituents.

Geological agents.—Hypogene—Igneous activity, volcanoes, their form and structure, their action, causes, results and products, and volcanic belts of the world. Earthquakes—nature, origin and effects, relationship to volcanoes and earthquake belts of the world. Seismology—Principles, instruments and records.

Epigene.—Heat and cold, water, wind, ice and organic agents; erosion, transportation and deposition considered with each of the agents.

Mountains, their origin and structure, geosynclines, Isostasy. Glaciers, rivers and lakes; continental Drift. Evolution of continents and oceanic basins.

Section II

Palaeontology.—Fossils, their nature and modes of preservation and uses. Distribution of the main groups in time. Fauna and flora in relation to the past climates and geography. Importance of the study of fossils in problems of evolution. Study of the important genera of the invertebrate, vertebrate and plant fossils.

Section III

Stratigraphy.—Principles of classification and correlation of geological formations. Standard European geological formations—their lithological and palaeontological characters. Study of Indian stratigraphy likewise but in greater detail; physiographic and climatic conditions of the different epochs and systems. General Knowledge of the foreign equivalents of Indian formations.

Section IV

Sedimentology.—The origin of sediments. Characters of deposits : Terrestrial, fluviatile, marine, lacustrine, glacial, organic etc. Influence of environment on sedimentation; different types of sedimentary environments and their characteristic features. Palaeocurrents and their significance; Flysch and molasse. Cycles of sedimentation and denudation.

Note.—Candidates may be required to answer a specified number of questions from each of the above Sections.

5. INDIAN STRATIGRAPHY

Principles of stratigraphy.—Lithology, fossil content, order of superposition. Geological time-scale; standard European Geological formations.

Chief divisions of Indian sub-continent.—Their physiographic, stratigraphic and structural features. Climate, Peninsular and Extra-peninsular mountain ranges, rivers and lakes, glaciers.

Structure and Tectonics of Indian subcontinent; peninsula-Dharwar (Aravalli), Eastern Ghats, Satpura and Mahanadi strike trends and their relative ages. Extra-peninsula—Himalayan arc, Burmese arc, Baluchistan arc, Origin of the Himalayas and of the Gangetic plains.

Archaean group; Distribution in the different parts of Peninsula and the correlation of the Dharwars of the different peninsular regions. Extra-peninsular archaeans Mineral wealth of the Archaean.

Puranas—Cuddapah system and Vindhyan system, their stratigraphy and their economic minerals.

The Palaeozoic group.—Systems from Cambrian to Carboniferous, distribution, geological succession, and fauna of each.

The Gondwana group.—Introduction, Nomenclature, extent. Two-fold division. Geological succession and details of stratigraphy. Igneous rocks. Gondwanas in other continents. Structure of the Gondwana basins. Climate and sedimentation. Permo-carboniferous floras. Palaeogeography. Economic minerals of Gondwanas. Gondwana coal-fields.

The Upper Carboniferous and Permian systems in Himalayan and sub-Himalayan regions and their fauna. Upper Palaeozoic unconformity.

The Triassic and Jurassic systems of the extra-peninsular region and Jurassics of Kutch; Stratigraphy and faunal characters in each.

The Cretaceous system of the extra-peninsular region and of Narmada valley, Trichinopoly and other areas of the peninsula. Igneous rocks and earth movements of Cretaceous.

Deccan traps.—Distribution and extent. Structural features. Dykes and sills. Petrology, chemical characters, alteration and weathering of traps. Lameta Beds, Inter-Trappeans and Infra-Trappeans. Age. Economic geology.

The Tertiary group.—Break-up of Gondwana land. Rise of the Himalayas. Facies and distribution. The Eocene, Oligocene and Lower Miocene systems, their distribution, stratigraphy and fauna. Siwalik system-distribution, constitution, climatic conditions, organic remains, divisions, correlation. The Pleistocene system-Divisions, Glaciation, Indo-Gangetic Alluvium. Laterite. Recent changes of level along coasts.

6. PETROLOGY, IGNEOUS, SEDIMENTARY AND METAMORPHIC

The scope of petrology, a systematic description of the more important groups of rocks.

The application of physical chemistry to igneous petrology. The phase rule. Equilibrium in silicate systems. Two component and three component systems. Order of crystallisation and intergrowths. Structures and textures of rocks and their interpretation. The crystallization of magmas. Diversity of igneous rocks. Petrographic provinces. Magma tectonics. Granitisation. Petrochemical calculations. Variation diagrams. Origin of a few important rock types.

Sedimentary rocks.—Their classification and characters. Sedimentary differentiation. The origin of sediments. Methods of study of sedimentary rocks, including sampling and separation of minerals of sedimentary rock samples; methods of representation of the results of sedimentary mineral analysis; mechanical analysis of sediments. The applications of sedimentary petrography as in provenance studies, palaeogeography, Structural interpretation and in industry. Sedimentary environments.

Metamorphic rocks.—The scope of metamorphism. Agents of metamorphism. Types of metamorphism. The structures of metamorphic rocks. Grades and facies, composite, hybrid and injection gneisses. Metamorphism in relation to magma and orogeny.

7. ORE GENESIS AND METALLIC AND NON-METALLIC MINERALS

Ore Genesis.—The magma in its relation to mineral deposits : Orthomagmatic deposits—Pegmatitic deposits—Pyrometasomatic deposits—Hypothermal, Mesothermal and Epithermal deposits.

Secondary enrichment : Oxidation, solution and precipitation in the zone of oxidation—Oxidized deposits and gossans—secondary sulphide enrichment.

Secondary deposits : deposits formed by mechanical processes of transportation and concentration (detrital deposits). Deposits produced by chemical processes of concentration in bodies of surface water by reactions between solutions. Deposits formed by evaporation of bodies of surface water. Mineral deposits resulting from processes of rock decay and weathering. Deposits formed by concentration of substances contained in the surrounding rocks by means of circulating waters.

General.—The Form, structure and texture of mineral deposits—Ore shoots. Classification of mineral deposits—Structural control of mineral deposits—Geological thermometers—Metallogenetic epochs and provinces.

Metallic Minerals.—The study of the following with reference to origin, mode of occurrence, distribution in India and uses :

Gold—Coppe—Lead — Zinc—Aluminium — Magnesium—Iron — Manganese — Chromium — Strategic—Minerals of India.

Non-Metallic Minerals.—Industrial geology; Refractories—Abrasives—Ceramics and glass making materials—Fertilizers—Natural paints and Pigments—Cements—Gem minerals.

The study of the following with reference to origin, mode of occurrence, distribution in India and uses :

Mica — Vermiculite — Asbestos — Barytes—Gypsum — Garnet — Corundum — Kyanite — Sillimanite—Ochre—Graphite—Talc—Fluorspar—Beryl—Zircon.

Fuels—

Coal : Origin and classification of coal—Occurrence and distribution of coal in India—Indian reserves of coal—Conservation of coal in India.

Petroleum, Natural gas and Oil Shale : Its origin and accumulation—Gas and Oil Traps—Classification of oil and gas reservoirs. Petroleum bearing regions of India—Searching for new gas and oil fields. Atomic energy minerals—Uranium and Thorium minerals.

8. ENGINEERING GEOLOGY AND GROUND-WATER GEOLOGY

Engineering Geology.—The role of a geologist in engineering works. Engineering properties of rocks—specific gravity, porosity, sorption, compressive strength, tensile strength, modulus of elasticity for rocks, modulus of compression, Poisson's ratio, residual stresses, etc.

Rock deformations in nature, studies of the igneous, sedimentary and metamorphic rocks in relation to bearing strength of the foundation, resistance to sliding, watertightness, grouting requirements and weathering.

Engineering properties of soils and elements of soil mechanics. Soil profile, soil, moisture, size, shape and gradation of soil particles, soil classifications—porosity, void ratio, degree of saturation, permeability, density and unit weight of soil; liquid, plastic, shrinkage and consistency limits, swelling and expansion pressures, and shearing strength.

Dams : and their classification. Types of spillways with their parts; forces acting on the dams and their appurtenances. Foundation and abutment problems and reservoir area problems; construction materials for dams. Methods of exploration for dam sites.

Canals : Investigations for canals, canal drains, and canal linings; sedimentation in canals and its control.

Tunnels : Classification and nomenclature. Geological consideration affecting choice and constructions of tunnels.

Highways : Location and exploration for highways; materials of construction.

Bridges : Classification, abutments and piers of bridges, bridge foundations and geological considerations thereof.

Buildings : General considerations and types of building foundations and their geological aspects. Earthquakes and aseismic design. Landslides and other crustal displacements and possibility of their prevention.

Groundwater Geology.—Sources of groundwater, its occurrence and origin. Importance of meteorology in hydrologic investigations. Hydrologic properties of water-bearing materials. The water-table and its fluctuations. Free and confined water; pressure surface, lowering of water table by pumping; different methods of prospecting for groundwater. Drilling waterwell, their classification and construction, well records. Hydraulics of wells.

Testing wells for yield, methods and equipment used. Impurities and treatment of natural water. Use and conservation of groundwater.

9. ELEMENTARY MINING METHODS AND RECOVERY OF METALS AND MINERALS

Introduction—Economic minerals, their distribution, sufficiency and production. A short history of mining.

Prospecting : Surface and underground indications—geological and geophysical methods. Prospecting by trenches, test pits and boreholes. Purpose of boreholes. Simple methods of percussive and rotary boring. Computation of borehole records.

Development of deposits : Position, shape and size of openings, methods of driving or sinking of adits, inclines and shafts, their temporary and permanent support. Ventilation, illumination, pumping and safety measures during shaft sinking. Sinking tools and equipment. Driving of main haulage roads and development heading, their position, shape and size. Driving of levels, cross cuts, winzes and raises.

Methods of breaking rocks, use of explosives. Different types of explosives, their composition and uses. Gunpowder, dynamite, gelignite, fuses, detonators and exploders. Methods of examination of blasting holes, charging them, preparing the charge. Blasting practices, precautions and difficulties.

Methods of working; open cast mining; development, establishment of faces, production, transportation, safety precautions and protection against rain and groundwater.

Coal mining methods; Elementary study of bord and pillar system, panel system and longwall system of working.

Metal mining methods : Elementary study of development of ore deposits, simple methods of stoping and ore handling in stopes. Support of excavation, Timber and steel supports. Their application for supporting shaft bottom haulage landings, main roadways, the development of galleries and production faces.

Methods of handling materials : Haulage—Rope haulages. Haulage engines. Application of haulages on the surface and underground. Winding—Elementary study of winding engines, winding equipment and shaft fittings.

10. MINING GEOLOGY, ORE BENEFICIATION AND MINERAL ECONOMICS

Mining Geology.—Relation of Geology to mining industry. Field techniques of mining geology—Drilling. Examination and developing prospects, geological work at an operating mine. Laboratory methods employed in mining geology. Interpretation, correlation and use of field data. Preparation of maps, models, illustrations and their uses. Writing of reports.

Prospecting : Regulations, field-equipment methods of transportation, field tests and measurements; Guides—Physiographic, mineralogical, stratigraphic, lithologic and structural—for location of ore deposits. Targets and loci. Methods of surface and underground prospecting, including pit shaft, trench sinking, bulldozing, borehole drilling, sampling and assaying methods. Fundamentals of geophysical, geochemical and geobotanical prospecting.

Methods of mining, including openpit, alluvial and underground methods. Support of excavations. Elementary ideas about explosives used for rock-breaking and blasting. Transportation and hoisting. Mine drainage and pumping. Ventilation and illumination. Mine organization. Management. Safety works, Mine laws.

Mine examination, theory and methods of sampling. Salting and its safeguards. Treatment of samples, sampling calculations. Calcutation of ore reserves. Determination of cost of mining, capital expenditure and amortization. Determination of present value. Estimation of the

future costs and profits and the life of a mine. Valuation of a prospect. Preparation of a valuation report.

Ore Beneficiation.—Nature and scope. Relation to smelting; utility. Properties of minerals in relation to their dressing. Preliminary processes of concentration, such as crushing, grinding and sizing. Preliminary washing and sorting, heavy fluid separation, jigging, tabling, flocculation, and dispersion, flotation and agglomeration, electrostatic and centrifugal separation, amalgamation and heat treatment methods; treatment of concentrates by dewatering, filtration, drying and thickening methods; dressing systems and plants; flow sheets of common types. Application of ore microscopy to ore beneficiation techniques.

Dressing of metallic ores : sulphide ores, non-sulphide ores and native metals—Gold, Silver, Copper, Lead, Zinc, Manganese, Tin, Titanium, and Chromium.

Dressing of non-metallic ores—Graphite, Barytes, Gypsum, steatite, clays and coal. Coal washing with special emphasis on Indian conditions.

Mineral Economics.—Definition; importance of minerals in national economy, pattern of mineral relationships, geographic and political factors in mineral use, features peculiar to mineral industries, economic factors common to mineral and manufacturing industries. Demand, Supply, cartels, substitutes, market speculation and production costs; changing mineral requirements; international nature and movement of minerals, trade restrictions, tariffs, quotas and embargoes, production incentives, foreign development and exploitation of mineral raw materials, strategic, critical and essential minerals. National mineral policy. Mineral concession rules in India. Mineral production of important minerals in India.

Total world resources, reserves and production of important minerals, importance of steel and fuels in modern economy, impact of atomic energy on conventional fuels.

11. GEOLOGY OF COAL AND OIL

Coal.—Varieties of coal. Origin and mode of occurrence of coal. Physical characters and chemical constituents of coal. Banded constituents of coal, their characters and identification, classification and rank and grade of coal. Washing of coal and briquetting. Carbonisation. Coal petrography.

Mining of Coal. Elementary study of coal mining methods. Structural features of coal seams. Conservation of coal. Utilization of coal.

Methods of sampling of coal in mines and in laboratory. Ultimate and proximate analysis of coal. Determination of caking index and calculation of calorific value. Coke prospecting of coal and valuation of coal-bearing lands.

A detailed study of the coal fields of India with particular reference to their distribution, grades, exports and imports, reserves and future prospects. Coal-bearing formations and regions of the world.

Petroleum.—Occurrence of oil and natural gas-surface and subsurface; reservoirs and petroleum pools. Geologic history, origin, migration and accumulation. Petroleum provinces. Petroleum prospecting—geological and different geophysical methods. Features of oil drilling. Methods of estimating oil recoveries as also of reserves, uses of associated products.

A detailed study of the oil-bearing regions of the Indian sub-continent with particular reference to Assam. Prospects of oil-finding in other parts of India. Distribution of oil and gass fields in the world and known oil and gas reserves.

Note.—Candidates may be required to answer two-thirds of the required number of questions from Oil Geology part and one-third from the Coal Geology part.

12. EXPLORATION GEOPHYSICS

Fundamental principles of exploration geophysics. *Gravitational Prospecting.*—Factors causing variations in gravity; latitude effects. Absolute gravity measurements—the pendulum—theory and recording methods. Gravimeters, design and operating principles, types of gravimeters, calibration, levelling and photogrammatric mapping, field operations—drift curve and closure, corrections and field calculations. Eotvos torsion balance—theory of torsion balance. The gradients of gravity and the curvature conditions of equipotential surfaces. Gravity calculations and interpretation : The source of gravity variations, gravity effects of geometrical forms; graphical and numerical computation methods; Depth estimation; Relation of gravity anomalies to geologic structure.

Magnetic Prospecting.—History of magnetic prospecting; theory of earth inductor, dip needle and Hotchkiss super-dip, Field variometers—their description, theory, calibration. Field operation, correction; and reduction of field data. Magnetic surveys, quantities measured by vertical and horizontal magnetometers.

Magnetic anomalies and interpretation—source of magnetic variations; magnetic interpretation; the relation between magnetic and gravitational effects. Relation between vertical magnetic and curvature effects for irregular forms; magnetic effects of buried well-casing; applications of magnetic prospecting; depth estimation. Illustration of magnetic surveys.

Airborne magnetometer—instrumentation, operating procedures; interpretation of aeromagnetic data; advantages and limitations of aeromagnetic surveying; results of some typical aeromagnetic surveys.

Electrical Prospecting.—Classification of methods. Spontaneous polarisation method, operational principle, field equipment, measurement and interpretation; results of field work.

Equipotential line methods. Introduction; layout of survey; relative merits of A.C. & D.C.; point and linear electrode system; interpretation of results.

A.C. potential ratio method. Field operations; plotting and interpretation of results; application of ratiometer to comparison of magnetic fields; the two coil system of balancing; theoretical considerations.

Resistivity methods—Operating principles; fundamental derivations of current flow; larger problems; electrode configurations; depth estimation, near surface inhomogeneities. Analysis of resistivity data; Field procedure and equipment; examples of field work.

Electromagnetic methods—Physical principles, measurement of magnetic fields; conductive equipment for energising the ground; magnetic measuring equipment. Inductive measurements; search coils; directional properties; inductive equipment; horizontal and vertical loop methods—apparatus, operation, field procedure and plotting and interpretation of results.

Absorption of electromagnetic waves. Phase of secondary field; elliptical polarisation. Compounding of elliptical fields; field of horizontal loop; use of double coils when secondary fields of great magnitude are obtained.

Seismic Prospecting.—Methods of seismic prospecting—(a) general considerations (source of energy, energy transmission, periods, transmission of shot instant); (b) Fan shooting method; (c) Refraction method, travel times on single and multiple horizontal and inclined contacts; (d) Reflection method, Instruments, travel times, average velocity, calculation and interpretation. Reduction of seismic observations; Weathering corrections.

Elementary theory, description and calibration of seismographs; time marking; recording equipment; magnetic tape. Recording equipment for seismic prospecting. Seismic field operations; the detector spread; multiple and pattern shooting. Shot hole drilling; explosives—various types used, electrical firing circuits, care in handling explosives, safety regulations. Surface velocities; marking seismograph records; mapping the results; interpretation of results; limitations of seismograph mapping.

Radioactive Prospecting & Well-Logging Methods.—Radioactive methods; Methods of radioactive prospecting; portable radiation meters and scintillometers. Radiometric surveys. Airborne surveys. Applications of radioactive methods.

Electrical logging; Resistivity and self potential measurements, electrode configurations; electrofiltration; electrochemical interpretation. Instrumentation.

Temperature measurement in bore holes, gradients; water and cement logging.

Radioactivity well-logging, theory; instrumentation; interpretation; typical response curves; effect of casing. Neutron logging. Comparison of radioactivity and electrical logs. Applications and field examples.

13. GEOCHEMISTRY, PHOTO GEOLOGY AND NUCLEAR GEOLOGY

Geochemistry.—Scope of Geochemistry; age, origin and composition of the universe; composition of meteorites, cosmic abundance of elements, origin of elements; structure and composition of the earth, primary geochemical differentiation of the earth, geochemical classification of the elements.

Principles of crystal structure, different classes of bonds, ionic radius, coordination number, structure of silicates, isomorphism, atomic substitution and polymorphism.

Magmatism and igneous rocks, crystallisation of a magma, Goldschmidt's rules of camouflage, capture and admittance, minor elements in magmatic crystallisation, residual solutions and pegmatites, volatile components of a magma, magmatism and ore deposition.

Geochemistry of sedimentation, Goldich's stability series, physico-chemical factors in sedimentation, ionic potential, hydrogenion concentration, oxidation-reduction potential, colloidal processes, products of sedimentation.

Metamorphism as a geochemical process, mineral transformations and the facies principle, ultrametamorphism.

The geochemical cycle.

Geochemistry of Li, Na, K, Rb, Cu, Ag, Au, Be, Mg, Ca, Sr, Ba, Zn, Cd, Hg, Al, Sc, rare earths, Ga, In, C, Si, Ge, Sn, Pb, Ti, Zr, Hf, Th, N, P, As, Sb, Bi, V, S, Cr, Mo, W, U, F, Mn, Fe, Co and Ni.

Elementary principles of geochemical prospecting.

Photo Geology.—Photo reading and interpretation; instrumentation and measurements, study of mosaics, interpretation of physiography, stratigraphy and structure; use of aerial photographs in geological mapping; interpretation of aerial photographs in petroleum geology, mining geology, engineering geology and hydrological studies.

Nuclear Geology.—Radio activity : α, β and γ rays, their properties; qualitative discussion on the decay theories, Artificial radioactivity, nuclear accelerators, nuclear reactions, nuclear energy and its peaceful uses.

Detailed study of the minerals of Uranium, Thorium, Beryllium and the rare earths with reference to their composition, properties, origin, mode of occurrence, distribution, political control, prospecting (the Geiger Counter and its applications), uses, tests, prices and Market.

Portable radiation meters and scintillometers. Radiometric surveys. Applications of radioactive methods.

14. TECTONICS

The origin of continents and oceans. Palaeogeographic conditions during each of the chief epochs of the earth's history, Earth movements, epeirogenic and mountain-building and their influence on sedimentation; Alpine and Himalayan orogenies and latest developments on tectonic approach to Continental Drift. Geological Cycles. Structural units of the earth's crust. A detailed study of the Structural and Tectonic history of India.

15. ADVANCED STRATIGRAPHY

The principles of Stratigraphy, Geological record and its imperfections. Sea-level and eustatic movements. The classification of rocks by age. Lithology. The use of fossils in correlation. Homotaxis and contemporaneity. Climatic variations. The distribution of animals and plants. The permanence of oceans and continents. The stratigraphical units. The orogenetic succession.

The primeval era: Indian Pre-palaeozoic—the Dharwar system. Purana group. Lewisians, Moinians, Dalradians of British Isles, Laurentian, Huronian and Keweenawan systems of Canada. Equivalents in Africa, Australia and the United States.

The Palaeozoic era—general succession and fauna in each of the systems of the era, namely Cambrian, Ordovician, Silurian, Devonian, Carboniferous and Permian, along with the distribution of rocks of each of these systems in the world. Flora of the Devonian. The old Red Sandstone —the terrestrial representative of this period. The Devonian Tectonic. The Flora of the Carboniferous. The Gondwanaland comprising India, Australia, Africa, and Eastern South America and its rock formations for Carboniferous and later periods with their flora.

The Mesozoic era—The distribution of the Triassic, Jurassic and Cretaceous systems in the world and the 'life' in each.

The Kainozoic group—General features, Succession, and fauna and flora in each of its systems—Eocene, Oligocene, Miocene, Pliocene and Pleistocene, Pleistocene glaciations and their correlation.

Interglacial deposits. A study of the distribution of land and sea in each of the different geological periods of the earth's history.

Orogeny, Main European orogenic systems—Caledonian, Hercynian (or Variscan) and Alpine, and their divisions into epochs—Their American and other equivalents.

16. ADVANCED PALAEONTOLOGY

Palaeontology.—Definition, The organic world, the animal kingdom; classification of animals, their habitats and habits. Definition of fossil. Nature of fossil record—uses of fossils.

INVERTEBRATE PALAEONTOLOGY

Protozoa : Introduction, classes and orders. Foraminifera and Radiolaria—nature of the organism growth and reproduction and types of tests and their formation, classification and geological history.

Porifera : Introduction, nature of the animal—Fossilization, classification and geological history and distribution.

Coelenterata : Introduction, classification—Hydrozoa, Stromatoporoidea, Scyphozoa and Anthozoa and its subclasses. Coelenterata as Rock builders and their geologic history and evolution.

Bryozoa: General characteristics and morphology. Geologic history and evolution.

Brachiopoda : Introduction—the animal, Ontogeny, the Shell—its general morphology, external and internal morphology of the valves, composition and structures of the shell, classification, Geologic History. Nature and stratigraphic use of fossil brachiopoda.

Mollusca : The animal, the shell, its development, modification in its shape, structure and composition; Hingeline structures, dentition, classification. Lamellibranchia—animal, shell, classification evolution and geologic history. Castropoda-General considerations, morphology of soft parts, the shell and classification. Nature of fossil gastropoda. Cephalopoda—Nautilus, Architecture and structure of cephalopod shells; classifications—Nautiloidea, Ammonoidea; geologic history of cephalopoda. Ontogeny, stratigraphic range, nature of fossil record of the cephalopoda. Geologic history of Mollusca.

Arthropoda : Classes, Crustacea and Arachnoidea. Trilobita : Morphology and exoskeleton, classification, ontogeny and phylogeny, fossil record and stratigraphic range. Insecta; geologic history, evolution and origin of the Arthropoda.

Echinoderma; Morphology, the skeleton and classification. Cystoidea, Crinoidea—Morphology and skeleton. Echinoidea; Soft parts, the test, ecology, stratigraphic range and geologic history. Holothuroidea, phylogeny of the echinoderma.

Hemichordata :

Graptolithina—Nature of the skeleton, classification, colonial development, geologic history and biologic affinities.

VERTEBRATE PALAEONTOLOGY

Animals with backbones, the sequence of vertebrates through geologic time; classification.

Jawless vertebrates—the ostracoderms, and their evolutionary position, Placoderms.

Fishes—Bony fishes, air breathing fishes, lung fishes. Appearance of the amphibians—labyrintho-donts.

Distribution of the early vertebrate—bearing sediments. Reptiles, their classification. Dinosaurs. Flying reptiles and birds. Mesozoic era and its varied faunas.

Mammals—Marsupials, Placentals, Evolution of the Primates, Carnivores, Ungulates, Perissodactyls, Artiodactyls, Elephants and their kin. Evolution of Horse; mankind.

Palaeobotany: Elementary principles. A study of the flora of the past geological periods with particular reference to the Gondwanas of India.

APPENDIX II

FEES

Candidates seeking admission to the examination must pay the following fees :—

(a) To the Commission :

(i) Re. 1.00 nP. when asking for application form and connected documents.

This amount should be paid to the Commission by Money Order. Local candidates, however, may pay cash at the counter. The Commission will not accept payment made otherwise.

(ii) Rs. 49.00 nP. (Rs. 11.50 nP. in the case of candidates belonging to Scheduled Castes and Scheduled Tribes) with the completed application form.

This amount should be paid by means of Treasury Receipt of CROSSED Indian Postal Orders payable to Secretary, Union Public Service Commission. The Commission will not accept payment made otherwise.

(b) To the Medical Board.

Rs. 16.00 nP. before examination by a Medical Board if selected for appointment.

This amount should be paid in cash to the Medical Board concerned at the time of the Medical Examination.

2. Once an application has been considered by the Commission and the decision communicated to the candidate no claim from the candidate for a refund of the fees paid by him to the Commission will be entertained nor can the fees be held in reserve for any other examination or selection. If, however, a candidate is not admitted to the examination by the Commission, a refund of Rs. 42.50 nP. (Rs. 10.62 nP. in the case of candidates belonging to Scheduled Castes and Scheduled Tribes) will be made to him.

3. The Commission may at their discretion remit the prescribed fee where they are satisfied that the applicant is a *bona fide* displaced person from Pakistan and is not in a position to pay the prescribed fee. The fee of Re. 1.00 nP., however, must be paid even by a displaced person when asking the Commission for a form and this amount will be refunded to him if on receipt of his application his claim to be a displaced person is accepted by the Commission and his fee is remitted.

APPENDIX III

REGULATIONS RELATING TO THE PHYSICAL EXAMINATION OF CANDIDATES

(These regulations are published for the convenience of candidates and in order to enable them to ascertain the probability of their coming up to the required physical standard. But it must be clearly understood that the Government of India reserve to themselves an absolute discretion to reject as unfit any candidate whom they may consider, on the report of the Medical Board, to be physically disqualified and that their discretion is in no respect limited by these regulations. These regulations are intended merely for the guidance of Medical Examiners and are not meant to restrict their discretion in any way.)

1. To be passed as fit for appointment a candidate must be in good mental and bodily health and free from any physical defect likely to interfere with the efficient performance of the duties of his appointment.

2. In the matter of the correlation of age, height and chest girth of candidates of Indian (including Anglo-Indian) race, it is left to the Medical Board to use whatever correlation figures are considered most suitable as a guide in the examination of the candidates. If there be any disproportion with regard to height, weight, and chest girth, the candidate should be hospitalisd for investigation and X-Ray of the chest taken before the candidate is declared fit or not fit by the Board.

3. The candidate's height will be measured as follows :—

He will remove his shoes and be placed against the standard with his feet together and the weight thrown on the heels and not on the toes or other sides of the feet. He will stand erect without rigidity and with heels, calves, buttocks and shoulders touching the standards; the chin will be depressed to bring the vertex of the head level under the horizontal bar, and the height will be recorded in inches and parts of an inch to quarters.

4. The candidate's chest will be measured as follows :—

He will be made to stand erect with his feet together, and to raise his arms over his head. The tape will be so adjusted round the chest that its upper edge touches the inferior angles of the shoulder blades behind and lies in the same horizontal place when the tape is taken round the chest. The arms will then be lowered to hang loosely by the side and care will be taken that the shoulders are not thrown upwards or backwards so as to displace the tape. The candidate will then be directed to take a deep inspiration several times and the maximum expansion of the chest will be carefully noted, and the minimum and maximum will then be recorded in inches, 33—35, 34—36½ etc. In recording the measurements fractions of less than ½ inch should not be noted.

5. The candidate will also be weighed and his weight recorded in pounds; fractions of a pound should not be noted.

6. The candidate's eye-sight will be tested in accordance with the following rules. The result of each test will be recorded.

(i) *General*—The candidate's eyes will be submitted to a general examination directed to the detection of any disease or abnormality. The candidate will be rejected if he suffers from any squint or morbid conditions of eyes, eyelids or contiguous structures of such a sort as to render or are likely at a future date to render him unfit for service.

(ii) *Visual Acuity*—The examination for determining the acuteness of vision includes two tests, one for the distant, the other for near vision. Each eye will be examined separately.

There shall be no limit for minimum naked eye vision but the naked eye vision of the candidates shall, however, be recorded by the Medical Board or other medical authority in every case as it will furnish the basic information in regard to the condition of the eye.

The standards for distant and near vision with or without glasses shall be as follows :—

Distant vision			Near vision	
Better eye		Worse eye	Better eye	Worse eye
6/9	or	6/9	0·6	0·8
6/6		6/12		

Note (1) Total amount of Myopia (including the cylinder) shall not exceed —4·00D. Total amount of Hypermetropia (including the cylinder) shall not exceed +4·00D.

(2) Fundus Examination: Wherever possible fundus examination will be carried out at the discretion of the Medical Board and results recorded.

(3) Colour vision: (i) The testing of colour vision shall be essential.

(ii) Colour perception should be graded into a higher and a lower grade depending upon the size of the aperture in the lantern as described in the table below:—

Grade	Higher Grade of colour perception	Lower Grade of colour perception
1. Distance between the lamp and candidates.	16′	16′
2. Size of aperture	1·3mm	1·3mm
3. Time of exposure	5 sec.	5 sec.

For the services concerned with safety of the Public e.g. pilots, drivers, guards etc., the higher grade of colour vision is essential but for others the lower grade of colour vision should be considered sufficient. The same standards of colour vision should be applicable in respect of all engineering personnel in whose case colour perception is considered essential irrespective of the fact whether their duties involve field work or not.

(iii) Satisfactory colour vision constitutes recognition with ease and without hesitation of signal red, signal green and white colours. The use of Ishihara's plates, shown in good light and a suitable lantern like Edrige Green's shall be considered quite dependable for testing colour vision. While either of the two tests may ordinarily be considered sufficient, in respect of the services concerned with road, rail and air traffic, it is essential to carry out the lantern test. In doubtful cases where a candidate fails to qualify when tested by only one of the two tests, both the tests should be employed.

Note (4).—Field of vision.—The field of vision shall be tested by the confrontation method. Where such test gives unsatisfactory or doubtful results the field of vision should be determined on the perimeter.

Note (5).—Night Blindness.—Night Blindness need not be tested as a routine, but only in special cases. No standard test for the testing of night blindness or dark adaptation is prescribed. The Medical Board should be given the discretion to improvise such rough tests e.g. recording of visual acuity with reduced illumination or by making the candidate recognise various objects in a darkened room after he/she has been there for 20 to 30 minutes. Candidates' own statements should not always be relied upon, but they should be given due consideration.

Note (6).—(a) *Ocular conditions other than visual acuity.*—Any organic disease or a progressive refractive error which is likely to result in lowering the visual acuity should be considered as a disqualification.

(b) *Trachoma.*—Trachoma, unless complicated shall not ordinarily be a cause for disqualification.

(c) *Squint.*—Where the presence of binocular vision is essential, squint, even if the visual acuity is of the prescribed standard, should be considered as a disqualification.

(d) *One-eyed persons.*—The employment of one-eyed individuals is not recommended.

7. Blood Pressure :—

The Board will use its discretion regarding Blood pressure. A rough method of calculating normal maximum systolic pressure is as follows :—

(i) With young subjects 15—25 years of age the average is about 100 plus the age.

(ii) With subjects over 25 years of age the general rule of 110 plus half the age seems quite satisfactory.

N.B.—As a general rule any systolic pressure over 140 and diastolic over 90 should be regarded as suspicious and the candidate should be hospitalised by the Board before giving their final opinion regarding the candidate's fitness or otherwise. The hospitalization report should indicate whether the rise in blood pressure is of a transient nature due to excitement, etc., or whether it is due to any organic disease. In all such cases X-Ray and electrocardiographic examinations of heart and blood urea clearance test should also be done as a routine. The final decision as to the fitness or otherwise of a candidate will, however, rest with the Medical Board only.

Method of taking Blood Pressure—

The mercury manometer type of instrument should be used as a rule. The measurement should not be taken within fifteen minutes of any exercise or excitement. Provided the patient, and particularly his arm, is relaxed, he may be either lying or sitting. The arm is supported comfortably at the patient's side in a more or less horizontal position. The arm should be freed from clothes to the shoulder. The cuff, completely deflated, should be applied with the middle of the rubber over the inner side of the arm, and its lower edge an inch or two above the bend of the elbow. The following turns of cloth bandage should spread evenly over the bag to avoid bulging during inflation.

The brachial artery is located by palpitation at the bend of the elbow and the stethoscope is then applied lightly and centrally over it below, but not in contact with the cuff. The cuff is inflated to about 200 mm. Hg. and then slowly deflated. The level at which the column stands when soft successive sounds are heard represents the systolic pressure. When more air is allowed to escape the sound will be heard to increase in intensity. The level at which the well-heard clear sounds change to soft muffled fading sounds represents the diastolic pressure. The measurements should be taken in a fairly brief period of time as prolonged pressure of the cuff is irritating to the patient and will vitiate the readings. Rechecking, if necessary, should be done only a few minutes after complete deflation of the cuff. (Sometimes, as the cuff is deflated sounds are heard at a certain level; they may disappear as pressure falls and reappear at still lower level. This silent Gap may cause error in reading.)

8. The urine (passed in the presence of the examiner) should be examined and the result recorded. Where a Medical Board finds sugar present in a candidate's urine by the usual chemical tests, the Board will proceed with the examination with all its other aspects and will also specially note any signs or symptom suggestive of diabetes. If except for the glycosuria, the Board finds the candidate conforms to the standard of medical fitness required they may pass the candidate "fit subject to the glycosuria being non-diabetic" and the Board will refer the case to a specified specialist in Medicine who has hospital and laboratory facilities at his disposal. The Medical specialist will carry out whatever examination, clinical and laboratory, he considers necessary including a standard blood sugar tolerance test, and will submit his opinion to the Medical Board, upon which the Medical Board will base its final opinion "fit" or "unfit". The candidate will not be required to appear in person before the Board on the second occasion. To exclude the effects of medication it may be necessary to retain a candidate for several days in hospital, under strict supervision.

9. The following additional points should be observed :—

(a) that the candidate's hearing in each ear is good and that there is no sign of disease of the ear. In case it is defective the candidate should be got examined by the ear specialist. Provided that if the defect in hearing is remediable by operation or by use of a hearing aid, a candidate cannot be declared unfit on that account provided he/she has no progressive disease in the ear.

(b) that his/her speech is without impediment;

(c) that his/her teeth are in good order and that he/she is provided with dentures where necessary for effective mastication (well filled teeth will be considered as sound);

(d) that the chest is well formed and his chest expansion sufficient; and that his heart and lungs are sound;

(e) that there is no evidence of any abdominal disease;

(f) that he is not ruptured;

(g) that he does not suffer from hydrocele, severe degree of varicocele, varicose veins or piles;

(h) that his limbs, hands and feet are well formed and developed and that there is free and perfect motion of all his joints;

(i) that he does not suffer from any inveterate skin disease;

(j) that there is no congenital malformation or defect;

(k) that he does not bear traces of acute or chronic disease pointing to an impaired constitution;

(l) that he bears marks of efficient vaccination; and

(m) that he is free from communicable disease.

10. Radiographic examination of the chest should be done as a routine in all cases for detecting any abnormality of the heart and lungs, which may not be apparent by ordinary physical examination.

When any defect is found it must be noted in the Certificate and the medical examiner should state his opinion whether or not it is likely to interfere with the efficient performance of the duties which will be required of the candidate.

Note.—Candidates are warned that there is no right of appeal from a Medical Board, special or standing, appointed to determine their fitness for the above services. If, however, Government are satisfied on the evidence produced before them of the possibility of an error of judgement in the decision of the first Board, it is open to Government to allow an appeal to a second Board. Such evidence should be submitted within one month of the date of the communication in which the decision of the first Medical Board is communicated to the candidate, otherwise no request for an appeal to a second Medical Board will be considered.

If any medical certificate is produced by a candidate as a piece of evidence about the possibility of an error of judgement in the decision of the first Board, the certificate will not be taken into consideration unless it contains a note by the medical practitioner concerned to the effect that it has been given in full knowledge of the fact that the candidate has already been rejected as unfit for service by the Medical Board.

Medical Board's Report

1. The standard of physical fitness to be adopted should make due allowance for the age and length of service, if any, of the candidate concerned.

The following intimation is made for the guidance of the Medical Examiner :—

No person will be deemed qualified for admission to the public service who shall not satisfy Government, or the appointing authority, as the case may be, that he has no disease, constitutional affection, or bodily infirmity unfitting him, or likely to unfit him for that service.

It should be understood that the question of fitness involves future as well as the present and that one of the main objects of medical examination is to secure continuous effective service, and in the case of candidates for permanent appointment to prevent early pension or payments in case of premature death. It is at the same time to be noted that the question is one of the likelihood of continuous effective service, and that rejection of a candidate need not be advised on account of the presence of a defect which in only a small proportion of cases is found to interfere with continuous effective service.

A lady doctor will be coopted as a member of the Medical Board whenever a woman candidate is to be examined.

Candidates appointed to the posts of Geologists (Jr.) and Assistant Geologists are liable for field service in or out of India. In the case of such a candidate, the Medical Board should specifically record their opinion as to his fitness or otherwise for field service.

The report of the Medical Board should be treated as confidential and in no case should the candidate declared unfit be informed of the cause of rejection.

In cases where a Medical Board considers that a minor disability disqualifying a candidate for Government service can be cured by treatment (medical or surgical) a statement to that effect should be recorded by the Medical Board. There is no objection to a candidate being informed of the Board's opinion to this effect by the appointing authority and when a cure has been effected it will be open to the authority concerned to ask for another Medical Board.

(a) Candidate's statement and declaration.

The candidate must make the Statement required below prior to his Medical Examination and must sign the Declaration appended thereto. His attention is specially directed to the Warning contained in the Note below :—

1. State your name in full (in block letters).....
2. State your age and birth place.....
3. (a) Have you ever had small-pox, intermittent or any other fever, enlargement or suppuration of glands, spitting of blood, asthma, heart disease, lung disease, fainting attacks, rheumatism, appendicitis ?

.....

OR

(b) any other disease or accident requiring confinement to bed and medical or surgical treatment?

.....

4. When were you last vaccinated ?
5. Have you or any of your near relation been afflicted with consumption, scrofula, gout, asthma fits, epilepsy, or insanity ?.....
6. Have you suffered from any form of nervousness due to over work or any other cause ?

.....

7. Furnish the following particulars concerning your family.

Father's age if living, and state of health	Father's age at death and cause of death	No. of brothers living, their ages and state of health	No. of brothers dead, their ages at and cause of death

Mother's age if living, and state of health	Mother's age at death and cause of death	No. of sisters living, their ages and state of health	No. of sisters dead, their ages at and cause of death

I declare all the above answers to be, to the best of my belief, true and correct.

Candidate's signature.....
signed in my presence.

Signature of Chairman of the Board.

Note.—The candidate will be held responsible for the accuracy of the above statement. By wilfully suppressing any information he will incur the risk of losing the appointment and, if appointed, of forfeiting all claims to superannuation Allowance or Gratuity.

(b) Report of the Medical Board on (Name of Candidate) physical examination.

1. General development; Good....Fair.....Poor....
Nutrition : Thin..... Average
Obese.....,

Height (without shoes) Weight
Best weight.....When ?

Any recent change in weight ?.....

Temperature

Girth of Chest :—
(1) After full inspiration.....
(2) After full expiration.....

2. Skin : Any obvious disease.....

3. Eyes.....
(1) Any disease.....
(2) Night blindness.....
(3) Defect in colour vision.....
(4) Field of Vision.....
(5) Visual Acuity.....
(6) Ability for stereoscopic fusion.....

Acuity of Vision	Naked eye	With glasses	Strength of glasses Sph.	Cyl.	Axis
Distant Vision					
RE					
LE					
Near Vision					
RE					
LE					
Hypermetropia (Manifest)					
RE					
LE					

4. Ears : Inspection..... Hearing, Right Ear.....
Left Ear.....

5. Glands..... Thyroid.....

6. Condition of teeth.....

7. Respiratory system. Does physical examination reveal anything abnormal in the respiratory organs ?
.....
If yes, explain fully.....

8. Circulatory system :
 (a) Heart : Any organic lesions ?.....
 Rate : Standing
 After hopping 25 times.....
 2 minutes after hopping.....
 (b) Blood Pressure; Systolic.....
 Diastolic.....

9. Abdomen : Girth
 Tenderness.....

Hernia.....

 (a) Palpably Liver.....Spleen.....
 Kidneys.....Tumors
 (b) Hemorrhoids Fistula

10. Nervous System : Indications of nervous or mental disabilities

11. Loco-Motor System : Any abnormality.....

12. Genito Urinary System : Any evidence of Hydrocele Varicocele, etc.

Urine Analysis :
 (a) Physical appearance
 (b) Sp. Gr.....
 (c) Albumin.....
 (d) Sugar.....
 (e) Casts
 (f) Cells

13. Report of X-Ray Examination of Chest.....
.....

14. Is there anything in the health of the candidate likely to render him unfit for the efficient discharge of his duties in the service for which he is a candidate ?

15. For which services has the candidate been examined and found in all respects qualified for the efficient and continuous discharge of his duties and for which of them is he considered unfit ?

.....
.....

President.....
Member.....

Place.....
Date.....

APPENDIX IV

Brief particulars relating to the posts for which recruitment is being made through this examination.

1. Geologist (Junior), Class I—
 (a) Candidates selected for appointment will be appointed on probation for a period of two years, which may be extended, if necessary.
 (b) Prescribed scales of pay :—
 (i) Geologist (Jr. Scale)—Rs. 400—40—800—50—950.
 (ii) Geologist (Sr. Scale)—Rs. 700—50—1250.
 (iii) Superintending Geologist—Rs. 1300—60—1600.
 (iv) Chief Geologist—Rs. 1600—60—1800.
 (v) Director Geological Survey of India—Rs. 1800—100—2000 (Subject to revision).
 (c) Promotions to the higher grades of posts in the Department will be made by promotion on the basis of selection on merit.
 (d) Conditions of service and leave and pension are those described in the Fundamental Rules and Civil Service Regulations, respectively, subject to such modifications as may be made by Government from time to time.
 (e) Conditions of Provident Fund are those laid down in the General Provident Fund (Central Services) Rules, subject to such modifications as may be made by Government from time to time.
 (f) All officers of Geological Survey of India are liable for service in any part of India or outside India.

2. Assistant Geologist, Class II—
 (a) Candidates selected for appointment will be appointed on probation for a period of two years which may be extended, if necessary.
 (b) Prescribed scale of pay :—Rs. 350—25—500—30—590—EB—30—800—EB—30—830—35—900.
 (c) Recruitment to the Cadre of Geologist (Class I —Junior scale) will be made partly (50%) through the Union Public Service Commission competitive examination, and partly (50%) through DPC by promotion from the next lower grade of Assistant Geologist of the Geological Survey of India with minimum of two years' service in the Grade.
 (d) Conditions of service and leave and pension are those described in the Fundamental Rules and Civil Service Regulations, respectively, subject to such modifications as may be made by Government from time to time.
 (e) Conditions of Provident Fund are those laid down in the General Provident Fund (Central Services) Rules, subject to such modifications as may be made by Government from time to time.
 (f) Assistant Geologists are liable for service anywhere in India or outside India.

ANNEXURE

INSTRUCTIONS TO CANDIDATES REGARDING FILLING AND SUBMISSION OF APPLICATIONS

1. A copy each of the Notice, the Application Form and other papers relating to the examination is obtainable from the office of the Union Public Service Commission in accordance with para. 4 of the Notice. Candidates should consult them to see if they are eligible before filling in the application form or paying the prescribed fee. The conditions prescribed cannot be relaxed.

BEFORE SUBMITTING THE APPLICATION CANDIDATES MUST SELECT FINALLY FROM AMONG THE CENTRES GIVEN IN PARAGRAPH 1 OF THE NOTICE, THE PLACE AT WHICH THEY WISH TO APPEAR FOR THE EXAMINATION. ORDINARILY NO REQUEST FOR A CHANGE IN THE PLACE SELECTED WILL BE ENTERTAINED.

2. The application form must be filled in the candidate's own handwriting and all answers should be given in words. It should be submitted direct to the Secretary, Union Public Service Commission, Dholpur House, D.H.Q. P.O., New Delhi-11.

A candidate already in Government Service, whether in a permanent or temporary capacity, must submit his application through the Head of his Department or office concerned who will, if he considers the candidate eligible for the Examination forward it to the Union Public Service Commission with his recommendations (*vide* last page of the application form).

Applications from all other candidates, whether in private employment or in Government owned industrial undertakings or other similar organisations, can be entertained direct. If such a candidate forwards his application through his employer and it reaches the Union Public Service Commission late. the application, even if submitted to the employer before the closing date, will not be entertained.

No application received by the Commission after the date prescribed in the Notice will be accepted.

3. Candidates are warned that they should not furnish any particulars that are false or suppress any material information in filling in the application form.

4. A candidate must send the following documents with his application :—
 (i) A Treasury Receipt or CROSSED Indian Postal Orders payable to the Secretary, Union Public Service Commission at New Delhi Post Office for Rs. 49.00 nP. (Rs. 11.50 nP. in the case of candidates belonging to the Scheduled Castes and Scheduled Tribes).
 (ii) A CERTIFICATE OF AGE.

(iii) A CERTIFICATE OF CHARACTER.

(iv) A CERTIFICATE OF EDUCATIONAL QUALIFICATION.

(v) TWO COPIES OF RECENT PASSPORT SIZE (2″×2½″ APPROX) PHOTOGRAPH OF THE CANDIDATE.

Details of the documents mentioned in items (i), (ii), (iii), (iv) and (v) are given below :—

(i) *Treasury Receipt or Crossed Indian Postal Orders for the prescribed fee.*—The amount may be deposited in the nearest Government Treasury, or in a branch of the State Bank of India or in a State Treasury authorised to transact business on behalf of Government. (Amount deposited at Bombay, Calcutta, Delhi, or Madras should be deposited in the Reserve Bank of India instead of in the State Bank of India). The Treasury or Bank should be asked to credit it to the account head. "XXI—Miscellaneous Department Examination fees. Receipts of the Union Public Service Commission." The name of the Examination and of the treasury at which the fee is deposited should be clearly entered in the treasury receipt. The treasury receipt should be on the form pertaining to Central Government transactions and should be obtained from the treasury at which the fee is deposited. If, however, the blue form is not available in the treasury the ordinary form hitherto employed should be used.

All Postal Orders should bear the signature of the issuing Post Master and a clear stamp of the issuing Post Office. All Postal Orders should be CROSSED and made payable to the Secretary, Union Public Service Commission at New Delhi Post Office. In no case will Postal Orders payable at any other Post Office be accepted. Defaced or mutilated Postal Orders will also not be accepted.

NOTE 1.—Candidates residing abroad at the time of submitting their applications should deposit the amount of the prescribed fee (the equivalent fee of Rs. 50.00 nP. Rs. 12.50 nP. in the case of candidates belonging to the Scheduled Castes and Scheduled Tribes) in the office of India's High Commissioner, Ambassador or Representative, as the case may be, in that country and forward the receipt from that Office with the application.

NOTE 2.—AN APPLICATION NOT ACCOMPANIED BY A TREASURY RECEIPT OR CROSSED INDIAN POSTAL ORDERS FOR THE PRESCRIBED FEE WILL BE SUMMARILY REJECTED. THIS DOES NOT APPLY TO DISPLACED PERSONS SEEKING REMISSION OF FEE *vide* PARA 6(a) BELOW.

NOTE 3.—A candidate must send the Treasury Receipt, *in original*, along with his application. Duplicate/triplicate copies of the Treasury Receipt will not be accepted.

(ii) *A certificate of age.*—The date of birth ordinarily accepted by the Commission is that entered in the Matriculation Certificate or in the Secondary School Leaving Certificate (or in a certificate recognised by an Indian University as equivalent to Matriculation) or in an extract from a Register of Matriculates maintained by a University, which extract must be certified by the proper authority of the University. The expression "Matriculation Certificate" in this part of the instructions must be understood as including these alternative certificates.

Candidates will thus understand that the Matriculation Certificate is required in all cases as evidence of age, and it must invariably be sent to the Commission, in original, with a copy thereof, together with the application.

Sometimes the Matriculation or equivalent Certificate does not show the date of birth, or only shows the age by completed years or completed years and months. In such cases a candidate must send, in addition to the Matriculation or equivalent certificate, an original certificate, together with a copy thereof, from the Headmaster /Principal of the institution from where he passed the Matriculation or equivalent examination, showing the date of his birth or his exact age as recorded in the Admission Register of the Institution.

Candidates are warned that unless complete proof of age as laid down in these instructions is sent with an application, the application may be rejected. Further they are warned that if the date of birth stated in the application is inconsistent with the age shown in the Matriculation Certificate and no explanation is offered, the application may be rejected.

NOTE 1.—A candidate who holds a completed Secondary School Leaving Certificate need submit with the original a copy of the page containing entries relating to age only.

NOTE 2.—CANDIDATES SHOULD NOTE THAT ONCE A DATE OF BIRTH HAS BEEN CLAIMED AND ACCEPTED BY THE COMMISSION FOR THE PURPOSE OF ADMISSION TO AN EXAMINATION, NO CHANGE WILL ORDINARILY BE ALLOWED AT A SUBSEQUENT EXAMINATION.

NOTE 3.—Displaced persons, who have lost their original Matriculation Certificate in Pakistan, should obtain duplicate certificate from the University concerned. If they are unable to obtain the duplicate Matriculation Certificate from the University, they should submit an extract from the University Gazette in which their results were published showing their date of birth and certified by the Registrar or the Headmaster.

(iii) *A Certificate of character.*—A candidate must submit a certificate of character, in original, together with a copy thereof, from some person in authority (*e.g.* Principal, Proctor, Dean, etc.) at an educational institution which he is attending or has attended for at least one year during the three years immediately preceding the date of his application.

The signatory of the certificate should give his designation in full.

NOTE 1.—Candidates who have not attended any educational institution for at least one academic year within three years of the date of submission of their applications may submit a certificate of character, in original, with a copy thereof, from a Gazetted officer in service.

NOTE 2.—Only one certificate of character is required.

(iv) *A Certificate of Educational Qualification.*—A candidate must submit a certificate or diploma, in original, with a copy thereof, showing that he has one of the qualifications prescribed in paragraph 12 of the Notice. The certificate submitted must be one issued by the authority (*i.e.*, University or other examining body) awarding the particular qualification. If such a certificate or diploma is not submitted the candidate must explain its absence and submit such other evidence in original as he can to support his claim to the requisite qualifications. The Commission will consider this evidence on its merits but do not bind themselves to accept it as sufficient.

NOTE.—A candidate who has appeared at an examination, the passing of which would render him eligible to appear at this examination, but has not been informed of the result, may apply for admission to the examination The candidate who intends to appear at such a qualifying examination may also apply, provided that the qualifying examination is completed before the commencement of this examination. Such candidates will be admitted to the examination, if otherwise eligible, but the admission would be deemed to be provisional and subject to cancellation if the candidates do not produce proof of having passed the examination, as soon as possible, and in any case not later than two months after the commencement of this examination.

(v) *Two copies of Photographs.*—Candidates must submit two passport size (2″×2½″ approx) copies of their recent photograph one of which should be pasted on the first page of the application form and the other copy should be firmly attached to the application form. Each copy of the photograph should be signed in ink on the front by the candidate.

N.B.—Candidates are warned, that if an application is incompletely or wrongly filled or is not accompanied by any one of the documents mentioned under 4(ii), 4(iii), 4(iv) and 4(v) above without a reasonable explanation for its absence having been given, the application is liable to be rejected and no appeal against its rejection will be entertained. The documents not submitted with the application should be sent soon after the submission of the application, and in any case they must reach the Commission's office except as provided for in Note under 4(iv) above, within one month after the last date for receipt of applications. Otherwise the application is liable to be rejected.

Candidates are also warned that they should *in no case* correct or alter or otherwise tamper with any entry in the documents submitted by them nor should they submit a tampered document. If there is any inaccuracy or any

discrepancy between two or more such documents an explanation regarding the discrepancy may be submitted separately.

5. A candidate who claims to belong to one of the Scheduled Castes or Scheduled Tribes should submit in support of his claim a certificate, in original, with a copy thereof, in the form given below from the District Officer or the Sub-Divisional Officer or any other Officer of the district in which his parents (or surviving parent) ordinarily reside, who has been designated by the State Government concerned as competent to issue such a certificate; if both his parents are dead, of the district in which he himself ordinarily resides otherwise than for the purpose of his own education.

A candidate from the Delhi State may submit such a certificate also from the Additional District Magistrate or the 1st Class Stipendiary Magistrate or the Revenue Assistant.

The form of the certificate to be produced by Scheduled Caste and Scheduled Tribe candidates applying for appointment to posts under the Government of India.

This is to certify that
son of of village
District/Division in the
State belongs to the
community which is recognised as a Scheduled Caste/Tribe under the Scheduled Castes and Scheduled Tribes Lists (Modification) Order, 1956, read with Scheduled Castes and Scheduled Tribes Orders (Amendment) Act, 1956, the Constitution (Jammu and Kashmir) Scheduled Castes Order, 1956, the Constitution (Andaman and Nicobar Islands) Scheduled Tribes Order, 1959, the Constitution (Dadra and Nagar Haveli) Scheduled Castes Order, 1962, and the Constitution (Dadra and Nagar Haveli) Scheduled Tribes Order, 1962.

Shri
and/or his family ordinarily
reside(s) in the District/
Division of the State/Union Territory.
Signature.....
Dated: *Designation with Seal of Officer
Seal: State/Union Territory.

NOTE.—The terms 'ordinarily reside' used here will have the same meaning as in Section 20 of the Representation of the Peoples Act, 1950.

*Officers competent to issue Caste/Tribe certificates.

1. District Magistrate/Additional District Magistrate/Colletctor/Deputy Commissioner/Additional Deputy Commissioner/Deputy Collector/1st Class Stipendiary Magistrate/*[Sub-Divisional Magistrate, Taluka Magistrate/Executive Magistrate] Extra Assistant Commissioner.

*(Not below the rank of 1st Class Stipendiary Magistrate)

2. Chief Presidency Magistrate/Additional Chief Presidency Magistrate/Presidency Magistrate.

3. Revenue Officers not below the rank of Tehsildar.

4. Sub-Divisional Officer of the area where the candidate and/or his family normally resides.

5. Administrator/Secretary to Administrator (Laccadive and Minicoy Islands).

6. (a) A displaced person seeking remission of the prescribed fee should forward along with his application his Refugee Registration Card, in original, or a certificate from the District Magistrate of the area in which he may for the time being be resident to show that he is a *bona fide* displaced person and a certificate, also in original, from a District Officer or a Gazetted Officer of Government or a Member of the Parliament or State Legislature to show that he is not in a position to pay the prescribed fee.

(b) A displaced person claiming age concession under Note 1 to para. 10 of the Notice should produce, in original, satisfactory evidence of being a *bona fide* displaced person *e.g.* Registration Card or a certificate from the District Magistrate of the area in which he may for the time being be resident.

(c) A candidate from the former French Settlements which have now become part of India, claiming age concession under Note 1 to para. 10 of the Notice should produce in original a certificate from the Principal of the College he has graduated/will graduate from to show that he has been receiving education through the medium of French.

(d) A candidate claiming age concession as a repatriate from Ceylon under Note 1 to paragraph 10 of the Notice should produce, in original, a certificate from the High Commission for India in Ceylon stating that he is an Indian Citizen who has come to India under the Repatriation Scheme of the Government of Ceylon.

7. (a) A person in whose case a certificate of eligibility is required should apply to the Government of India, Ministry of Mines and Fuel, for issue of the required certificate of eligibility in his favour.

(b) If a certificate of eligibility is not necessary in the case of a person who has migrated from Pakistan, he should produce an affidavit sworn before a first class Magistrate in one of the following forms, whichever may be applicable to him.

1. "I declare that I migrated to India from areas which now form Pakistan before the 19th July, 1948, and have ordinarily been resident in India since then".
2. "I declare that I migrated to India from areas which now form Pakistan after the 18th July,, 1948, and have ordinarily been resident in India since then and I further declare that I have got myself registered as a citizen of India".
3. "I declare that I migrated to India from Pakistan and entered the Union Services without a certificate of eligibility before the commencement of the Constitution, *i.e.*, 26th January 1950, and am continuing in such service since then without a break".

8. THE CERTIFICATES MENTIONED IN PARAGRAPHS 4(ii), 4(iii), 4(iv), 5, 6 and 7(b) ABOVE SHOULD INVARIABLY BE SENT IN ORIGINAL. THE COMMISSION DO NOT ACCEPT ONLY COPIES OF THESE CERTIFICATES, WHETHER ATTESTED OR OTHERWISE.

The originals of the certificates forwarded in accordance with paragraphs 4(ii), 4(iii), 4(iv), 5, 6 and 7(b) above will be returned when the result of the application is communicated. CANDIDATES ARE ADVISED TO KEEP ATTESTED COPIES OF THEIR CERTIFICATES BEFORE SUBMITTING THEM TO THE COMMISSION. THE COMMISSION CANNOT RETURN THE CERTIFICATES EARLIER THAN THE DATE OF COMMUNICATION OF THE RESULT OF THE APPLICATION FOR WHATEVER PURPOSE THEY MAY BE REQUIRED; NOR CAN THEY SUPPLY ATTESTED COPIES.

If a candidate has already submitted the certificates required in paragraphs 4(ii), 4(iii), 4(iv), 5, 6 and 7(b) above in connection with another examination conducted by the Union Public Service Commission and if they have not yet been returned to him, he should mention the fact when submitting his application, and if possible enclose a copy of each certificate. If the certificates are not with the Commission, they should be sent with the application, irrespective of whether the candidate appeared at a previous examination conducted by the Commission or not. If a certificate cannot be submitted with the application, a reasonable explanation for its absence must be given with the application.

9. The fact that an application form has been supplied on a certain date, will not be accepted as an excuse for the late submission of an application. The supply of an application form does not *ipso facto* make the receiver eligible for admission to the examination.

10. If a candidate does not receive an acknowledgment of his application within a fortnight from the last date of receipt of applications for the examination, he should at once contact the Commission for the acknowledgment.

11. Every candidate for admission to this examination will be informed at the earliest possible date of the result of his application. It is not, however, possible to say when the result will be communicated. But if a candidate does not receive from the Union Public Service Commission a communication regarding the result of his application one month before the commencement of the examination, he should at once contact the Commission for the result. Failure to comply with this provision will deprive the candidate of any claim to consideration.

All returnable certificates or papers will be returned when the result of his application is communicated.

12. No. candidate shall be admitted to the examination unless he holds a certificate of admission from the Commission.

13. Candidates must pay the fees prescribed in Appendix II of the Notice. No claim for a refund of the fees will be entertained except to the extent stated in that Appendix nor can the fees be held in reserve for any other examination or selection.

14. Only those candidates who are under consideration for appointment will be medically examined. Candidates are advised to consult a Government Medical Officer of the standing of a Civil Surgeon as to their physical fitness before entering for the examination. Particulars of the nature of the medical test to which candidates will be subjected before appointment and of the standards required are given in Appendix III of the Notice. These regulations are published for the convenience of candidates and in order to enable them to ascertain the probability of their coming up to the required physical standard but they are not intended to restrict the discretion of Medical Examiners in any way.

15. Communications regarding applications—ALL COMMUNICATIONS IN RESPECT OF AN APPLICATION SHOULD BE ADDRESSED TO THE SECRETARY, UNION PUBLIC SERVICE COMMISSION, DHOLPUR HOUSE, D.H.Q.—P.O. NEW DELHI-11 AND SHOULD INVARIABLY CONTAIN THE FOLLOWING PARTICULARS :—

1. NAME OF EXAMINATION.
2. MONTH AND YEAR OF EXAMINATION.
3. ROLL NUMBER (if communicated to the candidate).
4. NAME OF THE CANDIDATE (IN BLOCK CAPITALS).
5. ADDRESS AS GIVEN IN THE APPLICATION.

N.B.—COMMUNICATIONS NOT GIVING THE ABOVE PARTICULARS MAY NOT BE ATTENDED TO.

16. Change in address.—A CANDIDATE MUST SEE THAT COMMUNICATIONS SENT TO HIM AT THE ADDRESS STATED IN HIS APPLICATION ARE REDIRECTED, IF NECESSARY. CHANGE IN ADDRESS SHOULD BE COMMUNICATED TO THE COMMISSION AT THE EARLIEST OPPORTUNITY GIVING THE PARTICULARS MENTIONED IN PARAGRAPH 15 ABOVE. ALTHOUGH THE COMMISSION MAKE EVERY EFFORT TO TAKE ACCOUNT OF SUCH CHANGES THEY CANNOT ACCEPT ANY RESPONSIBILITY IN THE MATTER.

Advertisement No. 34

Applications are invited for undermentioned posts from Indian citizens; subjects of Sikkim and persons of Indian Origin migrated from Pakistan with intention of permanently settling in India, subjects of Bhutan, subjects of Nepal and Tibetans who came over to India before 1st January 1962 with intention of permanently settling in India subject to issue of certificate of eligibility in their favour. *Age as on 1st January 1963 must be within the prescribed limits. Age limits relaxable for Govt. servants except where otherwise specified.* Upper age limits relaxable by 5 years for Scheduled Castes and Scheduled Tribes candidates and up to 45 years for displaced persons from Pakistan. No relaxation for others, save in exceptional circumstances, and will in no case be relaxed beyond a limit of three years. *Qualifications relaxable at Commission's discretion in case of candidates otherwise well qualified.* Particulars and application forms obtainable from Secretary, Union Public Service Commission, Post Box No. 186, New Delhi. Request for forms must specify *name of post, advertisement number and item number* and should be accompanied by self addressed unstamped envelope for each post at least of size 9"×4" indicating thereon name of post for which forms are required. Closing date of receipt of applications with treasury receipt or crossed Indian Postal Order for Rs. 7.50 nP. (Rs. 1.87 nP. for Scheduled Castes and Scheduled Tribes) 23rd September, 1963 (7th October 1963 for applicants from abroad). Commission may remit genuinely indigent and *bona fide* displaced persons' fee. Separate application with separate fee required for each post. Candidates abroad may apply on plain paper if forms are not available and deposit fee with local Indian Embassy. If required candidates must appear for personal interview.

1. *Two Research Assistants (Zoology) in the Central Hindi Directorate, Ministry of Education.*—Posts temporary, but likely to continue. Reserved for Scheduled Castes/Scheduled Tribes candidates if such suitable candidates available; otherwise will be treated as unreserved. *Pay*—Rs. 325—15—475—EB—20—575. Higher initial pay to specially qualified and experienced candidates. *Age*—35 years and below. *Qualifications—Essential*—(i) Master's or equivalent Honours degree in Zoology; (ii) A good knowledge of Hindi, evidence of which, should be furnished with the application.

2. *One Research Assistant (Linguistics) in the Central Hindi Directorate, Ministry of Education.*—Post temporary, but likely to continue. Reserved for Scheduled Castes/Scheduled Tribes candidate if such suitable candidate available; otherwise will be treated as unreserved. *Pay*—Rs. 325—15—475—EB—20—575. Higher initial pay to specially qualified and experienced candidate. *Age*—35 years and below. *Qualifications—Essential*—(i) Master's or equivalent Honours degree in Linguistics; (ii) A good knowledge of Hindi, evidence of which, should be furnished with the application.

3. *One Research Assistant (Bengla) in the Central Hindi Directorate, Ministry of Education.*—Post temporary, but likely to continue. Reserved for Scheduled Castes/Scheduled Tribes candidate if such suitable candidate available; otherwise will be treated as unreserved. *Pay*—Rs. 325—15—475—EB—20—575. Higher initial pay to specially qualified and experienced candidate. *Age*—35 years and below. *Qualifications—Essential*—(i) Master's or equivalent Honours degree in Bengali; (ii) A good knowledge of Hindi, evidence of which, should be furnished with the application.

4. *One Research Assistant (Telugu), in the Central Hindi Directorate, Ministry of Education.*—Post temporary, but likely to continue. Post reserved for Scheduled Castes/Scheduled Tribes candidate if such suitable candidate available; otherwise will be treated as unreserved. *Pay*—Rs. 325—15—475—EB—20—575. Higher initial pay to specially qualified and experienced candidate. *Age*—35 years and below. *Qualifications—Essential*—(i) Master's or equivalent Honours degree in Telugu; (ii) A good knowledge of Hindi, evidence of which should be furnished with the application.

5. *Two Senior Research Officers for the Historical Division of Ministry of External Affairs.*—Posts temporary but likely to continue indefinitely. *Pay*—Rs. 700—40—1,100—50/2—1,250. Higher initial pay to specially qualified and experienced candidates. *Age*—40 years and below. *Qualifications—Essential*—(i) At least Second Class Master's or equivalent Honours Degree in History/Political Science/International Relations of a recognised University. (ii) Familiarity with Modern History of West Asia and East Asia. (iii) Sound knowledge of Arabic for West Asia and Chinese for East Asia.

6. *Ten Senior Chemical Assistants, Government Test House, Alipore, Calcutta.*—5 posts permanent. 5 posts temporary but likely to be made permanent. 3 posts reserved for Scheduled Castes candidates if such suitable candidates available; otherwise treated as unreserved. *Pay*—Rs. 325—15—475—EB—20—575. Higher initial pay to specially qualified and experienced candidates. *Age*—30 years and below. *Qualifications—Essential*—M.Sc. degree in Pure or Applied Chemistry (or) Degree in Chemical Engineering or Technology or Metallurgy of a recognised University or equivalent. (ii) Specialised training in the analysis of (a) general chemicals (organic or inorganic) for 4 posts; (b) metals and alloys for 2 posts; (c) Oils, Fats, Waxes, etc., for 2 posts; and (d) Paints, enamels, varnishes and other dye stuffs for 2 posts.

7. *One Senior Scientific Officer, Grade II, Directorate of Technical Development and Production (Air), Ministry of Defence.*—Post temporary but likely to continue indefinitely. *Pay*—Rs. 400—40—800—50—950. Higher initial pay to specially qualified and experienced candidate. *Age*—35 years and below. *Qualifications—Essential*—(i) M.Sc. degree in Physics of a recognised University or equivalent. (ii) Experience in Radio-Communication.

8. *One Research Officer, National Dairy Research Institute, Karnal.*—Post temporary, likely to continue for 2 years. Reserved for Scheduled Tribes candidate if such suitable candidate available; otherwise treated as unreserved. *Pay*—Rs. 700—50—1,250. Higher initial pay to specially qualified and experienced candidate. *Age*—45 years and below. *Qualifications—Essential*—(i) M.Sc. degree in Home Science, Home Economics, Biochemistry,

or Food Technology of a recognised University. (ii) Five years' practical and/or research experience in nutrition and dietetics.

9. *One Assistant Education Officer (Anthropology), Central Hindi Directorate, Ministry of Education.*—Post temporary but likely to continue indefinitely. Post reserved for Scheduled Castes/Tribes candidate if such suitable candidate available; otherwise, to be treated as unreserved. *Pay*—Rs. 400—25—500—30—590—EB—30—680. Higher initial pay to specially qualified and experienced candidate. *Age*—Preferably 35 years and below. *Qualifications—Essential*—(i) Master's Degree in Anthropology from a recognised University/Institute. (ii) Sound knowledge of Hindi and English, evidence of which should be furnished with the application. (iii) About three years' experience of terminological work.

10. *One Senior Sclentific Officer, Grade I, Defence Research & Development Council, Ministry of Defence.*—Post temporary but likely to continue indefinitely. *Pay*—Rs. 700—50—1,250. Higher initial pay to specially qualified and experienced candidate. *Age*—Preferably below 40 years. *Qualifications—Essential*—(i) Master's degree in Science or B.Sc. degree in Technology or Engineering. (ii) About seven years' experience in Scientific Journalism. (iii) Flair for writing scientific articles in popular style.

11. *One Senior Scientific Officer, Grade I, Defence Research and Development Council, Ministry of Defence.*—Post temporary but likely to continue indefinitely. *Pay*—Rs. 700—50—1,250. Higher initial pay to specially qualified and experienced candidate. *Age*—Preferably below 40 years. *Qualifications—Essential*—(i) Research degree or second class M.Sc. degree in Biochemistry. (ii) About five years' research experience in Biochemistry as evidenced by published papers. (iii) Ability to initiate and guide research in Biochemistry.

12. *One Senior Scientific Officer, Grade I, Defence Research and Development Council, Ministry of Defence.*—Post temporary but likely to continue indefinitely. *Pay*—Rs. 700—50—1,250. Higher initial pay to specially qualified and experienced candidate. *Age*—Preferably below 40 years. *Qualifications—Essential*—(i) Research Degree or second class M.Sc. degree in Organic or Polymer Chemistry. (ii) About 5 years' research experience in the field of Polymer Chemistry as evidenced by published papers. (iii) Ability to initiate and guide research work in the field of Polymers.

13. *One Senior Scientific Officer, Grade II, Defence Research and Development Organisation, Ministry of Defence.*—Post temporary but likely to continue. *Pay*—Rs. 400—40—800—50—950. Higher initial pay to specially qualified and experienced candidate. *Age*—40 years and below. *Qualifications—Essential*—(i) At least second class degree in Civil Engineering of a recognised University or equivalent. (ii) One year's experience in the design and development/production of structures.

14. *One Chief Fisheries Project Officer at the Indo-Norwegian Project, Ernakulam, Ministry of Food & Agriculture.*—Post temporary. *Pay*—Rs. 1,100—50—1,400. Higher initial pay to specially qualified and experienced candidate. *Age*—45 years and below. *Qualifications—Essential*—(i) M.Sc. Degree in Zoology of a recognised University or equivalent. (ii) About 7 years' experience in Fisheries Development including Sea Fishing & Marketing of Fish etc. (iii) Administrative Experience.

15. *Two Controllers of Imports and Exports in the Import and Export Trade Control Organisation, Ministry of Commerce and Industry.*—Post temporary but likely to continue indefinitely. One post reserved for Scheduled Castes and the other for Scheduled Tribes candidates. *Scheduled Castes/Scheduled Tribes candidates alone need apply.* Candidates who applied in response to the Commission's earlier advertisement No. 48 for these posts, which appeared on 1-12-62 need not apply again. *Pay*—Rs. 740—30—830—35—900. Higher initial pay to specially qualified and experienced candidates. *Age*—45 years and below. *Qualifications—Essential*—(i) Degree of a recognised University or equivalent. (ii) About 7 years' experience in a responsible supervisory capacity in Government service or business concern.

16. *One Principal Scientific Officer, Defence Research & Development Council, Ministry of Defence.*—Post temporary but likely to continue. *Pay*—Rs. 1,100—50—1,200—100—1,500. Higher initial pay to specially qualified and experienced candidate. *Age*—45 years and below. *Qualifications—Essential*—(i) Master's Degree in Civil/Mechanical Engineering or equivalent. (ii) Design experience of a high order for about 5 years.

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17. *One Chief Engineer, Exploratory Tubewells Organisation, Ministry of Food & Agriculture.*—Post temporary but likely to continue. *Pay*—Rs. 1,800—100—2,000. Higher initial pay to specially qualified and experienced candidate. *Age*—Between 40 and 50 years for all including Government servants. *Qualifications—Essential*—(i) A degree in Mechanical/Electrical/Civil Engineering from a recognised University. (ii) At least 15 years' experience as an Irrigation Engineer of which at least 10 years should be in a responsible position. (iii) Knowledge of all aspects of water well drilling and construction.

18. *One Chief Maintenance Engineer in the Delhi Electric Supply Undertaking, Municipal Corporation of Delhi.*—Post permanent. Other things being equal, preference will be given to Scheduled Castes candidate. *Pay*—Rs. 700—40—1,000—50/2—1,250 (plus allowances as admissible to Central Government employees stationed in Delhi). Higher initial pay to specially qualified and experienced candidate. *Age*—40 years and below. Relaxable for Government servants and employees of Municipal Corporation, Delhi. *Qualifications—Essential*—(i) Degree or Diploma in Mechanical and/or Electrical Engineering from a recognised University or its equivalent. (ii) At least 5 years' experience in maintenance of Electrical Equipment of a high pressure steam power station of a capacity not less than 30 M.W. consisting of out-door transformers, circuit breakers, inter-communication system and pneumatic and electronic instrumentation, relay and meters.

19. *One Efficiency Engineer, Delhi Electric Supply Undertaking of the Municipal Corporation of Delhi.*—Post permanent. Other things being equal, preference will be given to Scheduled Castes candidate. *Pay*—Rs. 700—40—1,100—50/2—1,250 (plus allowances as admissible to Central Government employees stationed in Delhi). Higher initial pay to specially qualified and experienced candidate. *Age*—40 years and below. Relaxable for Government servants and employees of Municipal Corporation, Delhi. *Qualifications—Essential*—(i) Degree in Electrical/Mechanical/Chemical Engineering OR M.Sc. in Chemistry, from a recognised University. (ii) At least 5 years' experience in operation and maintenance of high pressure steam Power Station with pulverised fuel fired boilers out of which at least two years in the independent charge of operation or of the fuel and efficiency department of a Thermal Power Station with pulverised fuel fired boilers or capacity not less than 30 M.W.

20. *One Chief Operating Engineer in the Delhi Electric Supply Undertaking, Municipal Corporation of Delhi.*—Post permanent. Other things being equal, preference will be given to Scheduled Castes candidate. *Pay*—Rs. 700—40—1,100—50/2—1,250 (plus allowances as admissible to Central Government employees stationed in Delhi). Higher initial pay to specially qualified and experienced candidates. *Age*—40 years and below. Relaxable for Government servants and employees of Municipal Corporation, Delhi. *Qualifications—Essential*—(i) Degree in Mechanical and/or Electrical Engineering from a University or equivalent. (ii) At least 5 years' experience in operation of a high pressure steam power plant with pulverised fuel fired boiler of capacity not less than 30 M.W. out of which at least two years as independent incharge of operation of the plant.

21. *One Research Officer (Tele-communication) Central Water & Power Research Station, Poona, Ministry of Irrigation and Power.*—Post permanent but appointment will be made on temporary basis. *Pay*—Rs. 400—40—800—50—950. Higher initial pay to specially qualified and experienced candidate. *Age*—35 years and below. *Qualifications—Essential*—(i) Degree from a recognised University in Tele-communication OR M.Sc. (Tech.) from a recognised University with electronics; (ii) One year's experience in industrial electronics or electronic instrumentation.

UNION PUBLIC SERVICE COMMISSION GEOLOGISTS' EXAMINATION, 1964.

The Union Public Service Commission will hold a combined competitive examination at Bombay, Calcutta, Delhi and Madras commencing on 21st January, 1964, for recruitment of Geologists (Junior), Class I, and Assistant Geologists, Class II, in the Geological Survey of India. *Age Limits*—Candidates must have been born not earlier than 2nd January, 1929, and not later than 1st January, 1943. Upper age limit relaxable in favour of Scheduled Castes, Scheduled Tribes, *bona fide* displaced persons from Pakistan, residents of former French Settlements which have now become part of India, and who have been receiving education, through the

medium of French, residents of Andaman and Nicobar Islands, repatriates from Ceylon who are Indian Citizens, and residents of former Portuguese Territories of Goa, Daman and Diu. *Qualifications*—M.Sc. degree in Geology or Applied Geology or Diploma in Geology of the Indian School of Mines and Applied Geology, Dhanbad. Full particulars and application forms obtainable from Secretary, Union Public Service Commission, Dholpur House, D.H.Q.—P.O., New Delhi-11, by remitting Re. 1.00 nP. by money order or on cash payment at the counter. Candidates must clearly state on money order coupons "Geologists' Examination, 1964", and also give their names and full postal addresses in block letters. Postal orders or cheques or currency notes not acceptable in lieu of money orders. Completed applications must reach the Union Public Service Commission by 21st October, 1963 (4th November, 1963 in the case of candidates residing abroad and those residing in Andaman and Nicobar Islands).

VIRENDRA KUMAR
Secretary
Union Public Service Commission